

Tendring Local Highway Panel Meeting Agenda

Date: Thursday 7th April

Time: 17:00hrs

Chair: CC Member Mick Page

Panel Members: CC Alan Goggin, CC Member Andy Wood, CC Member Paul Honeywood, CC Member Ivan Henderson, CC Member Andrew Erskine, CC Member Carlo Guglielmi, Tendring Cllr Nick Turner

Other Attendees: EH Sonia Church - Highways Liaison Manager
EH Joe Hazelton – Highways Liaison Officer
TDC Officer Mike Badger

Secretariat: Lizzie Ridout

Page	Item	Lead:	Papers
1.	Welcome & Introductions	Chair	Verbal
2.	Declarations of Interest Apologies for Absence Election of Chairman and vice Chair	Chair	Verbal
3.	Minutes of meeting held on 28 th January 2016 to be agreed as correct record	Chair	Attached
4.	Tendring Local Highways Panel Budget	Sonia Church	Verbal
5.	Approved Works Programme Update	Joe Hazelton/Sonia Church	Report 1
6.	Potential Schemes for consideration of Panel in 2016/17 <ul style="list-style-type: none"> ❖ Cycling ❖ Passenger Transport ❖ PROW ❖ Safer Roads ❖ Traffic Management ❖ Walking 	Joe Hazelton/Sonia Church	Report 2
7.	Appendix <ul style="list-style-type: none"> ❖ PROW Reports ❖ Feasibility Studies ❖ Detailed Designs 	Chair	Report 3
8.	AOB	All	Verbal
9.	Date of next meeting:	All	Verbal

TENDRING DISTRICT COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL – 7TH APRIL 2016 POTENTIAL CAPITAL SCHEMES

The new budget for 16/17 has been released and is to the value of **£395,241**. In order to keep schemes within the rolling programme it is advised to allocate schemes up to the value of 160% of the new budget which brings the total to **£632,386**. Currently there are schemes already within the rolling programme to the value of **£398,500** which makes an available allocation amount of **£233,886**.

All potential schemes on the following pages are for funding allocation to progress in the 16/17 financial year. All costings shown are estimates only and are subject to unforeseen site conditions / restrictions once work is undertaken. Currently the total of all potential schemes are to the value of **£353,900** and the panel are encouraged to allocate to the value of **£233,886** and highlight their top schemes for progression.

The following list identifies all of the scheme requests which have fed into the Colchester LHP. The RAG column acknowledges what the status of the scheme request is as below:



= The scheme has been validated as being feasible and is available for consideration.



= The scheme has been commissioned for a feasibility study and is awaiting completion before consideration and allocation can be undertaken.



= The scheme request is against ECC criteria.



= A scheme request has been received and is in the initial validation process.

TENDRING LOCAL HIGHWAYS PANEL – MINUTES AND ACTIONS

	PRESENT:
Date: 28 January 2016	Panel Members: Chair CC Member Mick Page, CC Member Paul Honeywood, CC Member Ivan Henderson, CC Member Andrew Erskine, CC Member Carlo Guglielmi, CC Member Alan Goggin, CC Member Andy Wood
Venue: Council Chamber, Weeley, TDC	
Apologies: -	Other Attendees: TDC – Cllr Neil Stock, Cllr Nick Turner Essex Highways - Sonia Church, Joe Hazelton TDC - Mike Badger, Environmental Services Manager Minutes: Lizzie Ridout (TDC)

Item:	Action:	Action Owner:
1.	Welcome and Introductions: Cllr Page welcomed all to the Local Highways Panel Meeting.	Cllr Page
2.	Declarations of interest None.	
3.	Minutes of meeting held on 22 October 2015 to be agreed as correct record:- Agreed.	
4.	Public Question Time: <ul style="list-style-type: none"> Frank Belgrove – Chairman, Alresford Parish Council Comment re B1027. 66 residents signed petition in favour of VAS sign, as well as Neighbourhood Action Panel and Speed watch scheme. Recent speed survey carried out however the application has been rejected as the criteria wasn't met. 823 drivers speeding per day. Sonia confirmed criteria must be met across Essex. Cllr Guglielmi suggested ward member for Alresford to raise as a cabinet member's action. Panel can still pay for scheme. 	Sonia Church

	<ul style="list-style-type: none"> • Sue Cunningham – Chairman, Bradfield Parish Council re Steam Mill Road footpath. Some residents on southern side have submitted legal letters blocking the scheme. Unhappy about the footpath encroaching on land in front of their properties. Parish Council are confident they can persuade residents however extension to funding is needed. Essex Highways needs the help of the parish council to ask residents who have information on their deeds re. The ownership of land. Clarification needed over land ownership. Funding cannot be extended but the LHP can agree to pay from next year's budget. Cllr Guglielmi requested it to be recorded that thanks go to Joe Hazelton for time taken to deal with list of queries, all of which have been answered. • Cllr Lynda McWilliams – Ward Member, Great Bentley Has received six letters from school children complaining about getting wet because the road from village hall to their school is flooded. System needs flushing again. Also signage along the road. Lynda to send request forms in re drainage. Re. footpath in Thorrington road, keen to support as ward member. • Brian Whitson – Footpath in Thorrington Road, Great Bentley short distance from bottom of hill to the footpath but is concerned for pedestrians in dark. Engineer will assess and validate for funding in next financial year. • Kate Miller – Thorrington Parish Council Scheme missing from list, proposal for footpath from level crossing to Church Road. Would like back on the list. Panel to look into. Website to be kept up to date. Clarification of terms used on list. Also footpaths in Thorrington – range of issues re maintenance. Issues should be raised with cabinet member. Re Chapel Road scheme – Cllr Goggin was under the impression that scheme had been taken much further forward but appears to be still in validation. Would like update on scheme. • Cllr Fred Nicholls – Ward Member for Thorrington, Frating, and Elmstead Market & Great Bromley – agreed with Kate Miller and requested the scheme is reinstated on list as a priority. 	<p>Joe Hazelton</p> <p>Sonia Church/ Cllr Goggin</p> <p>Sonia Church</p>
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	<ul style="list-style-type: none"> • Daniel Land – Thorpe-le-Soken Parish Council Update on Walton Road scheme. Feasibility study completed and attached as appendix with various options. Clarification over funding. 	
5.	<p>Update on Schemes Approved</p> <ul style="list-style-type: none"> • Parkeston Road, School Crossing – Looking into sub plate under patrol side of Parkeston Road. Need to make sure it conforms to DfT Zigzags are only advisory. • Crossfield Road, Clacton – Joe to liaise with Cllr Honeywood. • Carnarvon Road, Speeding – PR1 route. No traffic calming measures. Two speed surveys at either end will be undertaken. • Elmtree Avenue, Frinton – Zebra Crossing – Due to be completed August 2016. • Stourview Avenue Mistley – Completed – photos available. • St Johns Road, jw Little Clacton Road, Clacton on Sea – 3 speed surveys have been undertaken, results to be analysed. • Vista Rd/Skelmersdale Road, Clacton on Sea – Extended due to internal issues. Sonia to raise internally. • Grange Road, Lawford – Due to be completed in next few days • A137 Lawford, Manningtree – Design meeting has taken place with Cllr Guglielmi and Andrew Thurston. Automated system set up to show how traffic flow would work if traffic lights were to be installed. In talks to move forward. Two video clips are available of the remodelling. Concern about how long the issue is taking as it's seen as a barrier to growth. Carlo and Mick to meet to discuss. • Blue Roundabout, off A120 – Modelling has been done and scheme is making good progress, safety audit to be carried out in next two weeks. Scheme due to be in place in summer 2016. • Pathfields Road, - Feasibility study expected end of March 2016. • Tenpenny Hill, Thorrington – Feasibility Study completed. Problem remains. Cllr Goggin/Joe/Sonia/Thorrington PC to discuss the results. • Frinton Road, Kirby Cross – crossing – scheme to amend bollards to address poor visibility on both sides. No plans to install traffic lights. • B1032 Clacton jw Little Clacton Road, Great Holland – completed • Frinton Road, Kirby Cross - completed 	<p>Sonia Church</p> <p>Joe Hazelton Joe Hazelton</p> <p>Joe Hazelton Joe Hazelton Sonia Church</p> <p>Joe Hazelton</p> <p>Joe Hazelton /Cllr Guglielmi</p> <p>Joe Hazelton</p> <p>Joe Hazelton</p> <p>Joe Hazelton/Cllr Goggin</p> <p>Sonia Church</p>

	<ul style="list-style-type: none">• Cllr Alan Goggin – encouraged public attendance	Cllr Goggin
8.	Date of next meeting: Thursday 7th April 2016 at 6pm	ALL

Tendring District Approved Scheme List



ACTIVITY CODE	SCHEME	Scheme Category	Finished Date	Finish	Works Description	Allocated Budget	Comments
2012/2013							
LTEN001011	A137 Station Road, Lawford	Total Scheme	30/12/2016	December 2016	Sign removal, renewal/replacement and consideration to gantries to provide advance height restrictions.	£55,000.00	Currently undergoing Street Lighting design and review along with land permissions
LTEN001012	A137 Station Road, Lawford (VAS)	Total Scheme	30/12/2016	December 2016	2 x VAS to be installed.	£20,000.00	Currently undergoing Street Lighting design and review along with land permissions
LTEN003003	Steam Mill Road, Bradfield	Total Scheme	10/03/2017	March 2017	New footway along Steam Mill Road.	£130,000.00	Currently in talks with our legal department to find a resolution
LTEN003005	Tenpenny Hill Thorrington DESIGN ONLY	Feasibility Only	02/06/2015	June 2015	No Pathway, investigation only.	£3,500.00	
2013/2014							
LTEN131018	B1027 Valley Rd/Oxford Rd, Clacton - PRELIM DESIGN & INVESTIGATION	Design Only	31/03/2016	March 2016	Prelim design & investigation on repositioning give way lines and sizes of roundabouts. See Notes for full details.	£35,000.00	This has been on hold until we have received an update on the new development of the asda store nearby
LTEN132023	ITS0076 Frinton Road Puffin (design only)		28/11/2016	November 2016	For the design and installation of a Puffin Crossing on Frinton Road		The design is expected by the end of April 2016
2014/2015							
LTEN141003	B1027 St Johns Road Clacton j/w Little Clacton Road	Feasibility Only	23/05/2016	May 2016	1) Feasibility study for removing the 2 separate entry / exits from Little Clacton Road and replacing these with a mini roundabout arrangement.	£5,000.00	Finalising design expected by the end of May 2016
LTEN141004	B1032 Clacton Road j/w Little Clacton Road	Design Only	03/06/2015	June 2015	1) Trim the vegetation back on the B1032 NB approach to the mini roundabout 2) Provide a yellow backed roundabout ahead warning sign along Little Clacton Road eastbound approach to the roundabout and reposition this sign further west than the current sign location. 3) Remove the existing mini roundabout sign present at the Little Clacton Road junction and replace this with a yellow backed version. 4) Undertake feasibility study into providing a central splitter island along Little Clacton Road at its junction with B1032. The island would be angled in order to provide some deflection on the roundabout approach and could also be used to house a keep left bollard and or an additional mini roundabout regulatory sign.	£8,000.00	
LTEN141007	A133 Colchester Road Frating RAB	Total Scheme	12/10/2015	October 2015	i) Remove the existing nearside and central reservation 'roundabout ahead' warning signs with 'reduce speed' now plate and replace them with solar powered 'roundabout ahead' warning VAS signs with 'slow down' plate on lattix posts.	£50,000.00	
LTEN141008	A137 Colchester Road Fox Street	Total Scheme	10/10/2016	October 2016	i) Replace all the existing chevron signing (for east and south westbound road users) with yellow-backed chevron signs; ii) Install an additional yellow back to back chevron to compliant the existing arrangement.	£9,000.00	Assessment of funding and a redesign is underway
LTEN141009	Vista Road / Skelmersdale Road	Total Scheme	05/09/2016	September 2016	i) Remove existing 'give-way' signing and replace with new yellow backed give way signing on both north and south bound approaches of Vista Road.	£10,000.00	Design completed in March 2016. Implementation expected for September 2016
LTEN142006	ITS0081 Burcart's Corner Clacton (new Puffin)		04/04/2016	April 2016	For the design and installation of a Puffin Crossing on Burcart's Corner in Clacton		
LTEN142011	Tenpenny Hill Thorrington	Feasibility Only	02/04/2015	April 2015	Thorrington Parish Council have over a number of years tried to have a footpath provided along the stretch of Tenpenny Hill, Thorrington where there is no facility for pedestrians to walk.	£3,000.00	
LTEN142018	Old Harwich Area, Harwich	Total Scheme	31/07/2015	July 2015	Consideration into advisory signage	£8,000.00	
LTEN142019	Lower Marine Parade, Dovercourt	Total Scheme	04/08/2015	August 2015	Zebra crossing (Promenade to the Blue Flag Café). Design complete	£60,000.00	
LTEN142024	School Road VAS	Total Scheme	15/06/2016	June 2016	Various- to be rotated Mobile VAS previously recommended. LHP decided to change this to permanent location	£8,500.00	
LTEN142026	A133	Total Scheme	08/09/2016	September 2016	Budget towards potential road widening	£143,431.00	We are looking to close this scheme down due to the scheme totalling more than £1.7m in total to complete
LTEN142027	Holland Rd and Valley Rd Clacton - FEASIBILITY	Feasibility Only	29/05/2015	May 2015	Consideration of roundabout - surveys and feasibility	£12,000.00	
LTEN142030	Ingestre Street, Bathside, Harwich	Total Scheme	03/02/2016	February 2016	Junction protection (no waiting at any time parking restrictions)	£1,750.00	Complete
LTEN142034	West Avenue Hospice	Total Scheme	28/03/2015	March 2015	Add Turn Ahead Arrow sign opposite exit from Hospice. (lit)	£6,500.00	
LTEN142036	Elm Tree Avenue Walton on the Naze	Total Scheme	15/11/2016	November 2016	Install Zebra Crossing	£30,000.00	Detailed design is currently ongoing
LTEN142048	B1029 going into Brightlingsea on the Church Hill	Total Scheme	14/08/2015	August 2015	add signage	£2,500.00	
LTEN142066	St Johns Road Clacton	Total Scheme	10/04/2015	April 2015	install two small chevrons and install signage	£5,000.00	
LTEN142067	Church Road Thorrington	Design Only	04/01/2016	January 2016	Consultation with the adjacent land / hedge owner and the cutting back of the existing hedges and grass. This will establish the extent of usable verge without complete removal of established trees and investigate the purpose and volume of existing ditch. These works will quickly provide a usable verge for pedestrians. Once this area is clear trial holes should be dug to confirm no underground equipment is present.	£5,000.00	Complete
LTEN142068	A137 Lawford Manningtree	Feasibility Only	24/08/2016	August 2016	study to include Comprehensive traffic surveys including the length of time that the level crossing is down during peak times and the resultant queue the type of vehicles using the routes by classification.	£10,000.00	The design for a signals to be installed is currently underway, this will replace the priority working system that is currently in operation
LTEN142070	Pathfields Road Clacton on Sea	Feasibility Only	27/05/2016	May 2016	cars park on both sides of the road creating a bottle neck and serious conflict between parents picking up/dropping off and children walking	£3,000.00	Expected completion by the end of May 2016
LTEN142080	Grange Road, Lawford, Manningtree	Feasibility Only	08/04/2016	April 2016	The Parish Council have received requests to provide a footway for Grange Road on the north side between Bromley Road and School Lane. It would link up with the existing footway west of School Lane.	£3,000.00	Expected completion by the end of April 2016.
2014/2015							
LTEN151002	B1027 St Johns Rd Clacton jw Little Clacton Road, Clacton-on-Sea	Total Scheme	(blank)	(blank)	progression of CR site designed in 2014-15	£25,000.00	The option for signals at the junction was not feasible. A mini roundabout design is currently underway.
LTEN151003	A133 Colchester Rd jw Heckfords Road, Great Bentley	Total Scheme	22/10/2015	October 2015	progression of CR site designed in 2014-15	£3,000.00	
LTEN151004	A137 Harwich Rd jw B1029 Station Rd, Ardleigh	Total Scheme	31/05/2016	May 2016	progression of CR site designed in 2014-15	£25,000.00	Construction due to start at the beginning of May 2016

Tendring District Approved Scheme List

	Completed Schemes
	Cancelled Schemes
	Update

ACTIVITY CODE	SCHEME	Scheme Category	Finished Date	Finish	Works Description	Allocated Budget	Comments
LTEN151005	B1029 Great Bentley / School Lane, Thorrington	Total Scheme	04/02/2016	February 2016	progression of CR site designed in 2014-15	£5,000.00	Complete
LTEN151006	B1032 Clacton jw Little Clacton Rd, Great Holland - speak with Karen	Total Scheme	13/05/2016	May 2016	progression of CR site designed in 2014-15	£25,000.00	Currently awaiting UKPN connection. Expected delivery for mid May 2016
LTEN151007	Tendring District (CR Scheme) - High Street j/w Richard Avenue, Brightlingsea	Design Only	15/04/2016	April 2016	CR Advanced Design	£2,000.00	Design and estimate expected by the end of April 2016
LTEN151008	Frinton Road, Kirby Cross	Total Scheme	23/09/2016	September 2016	investigations into road improvements following a fatal accident	£5,000.00	the design is expected back by mid April 2016, looking to implement for September 2016
LTEN152001	Holland Rd and Valley Rd Clacton mini roundabout	Total Scheme	07/10/2016	October 2016	Installation of mini roundabout following on from feasibility study undertaken in 2014	£80,000.00	Currently undergoing design review and consultation with the Street Lighting team.
LTEN152002	Church Square, St Osyth additional bollards	Total Scheme	24/03/2016	March 2016	bollards to help stop vehicles from overlapping the footway and not allowing enough space for mobility scooters to manoeuvre	£5,000.00	Complete
LTEN152003	Playground signage for Wix Road,	Total Scheme	08/02/2016	February 2016	lack of signage alerting drivers to the presence of the playground	£8,000.00	Complete
LTEN152007	George Street	Total Scheme	29/07/2016	July 2016	junction improvements following on from a feasibility study funded in 2014	£5,000.00	Currently awaiting UKPN connection. UKPN have programmed their works for July but this is likely to change to May 2016.
LTEN152013	Walton Road in Thorpe le-Soken, Kents Hill	Feasibility	19/01/2016	January 2016	Feasibility/Options	£3,000.00	Complete
LTEN152058	Little Clacton Road, Great Holland	Total Scheme	09/06/2016	June 2016	2 x VAS	£17,000.00	The design is expected for the end of April 2016
LTEN152059	Cloes lane, Clacton	Total Scheme	11/08/2016	August 2016	ZEBRA CROSSING or SIGNALISED CROSSING	£140,000.00	Currently gathering costings. Expected delivery for August 2016
LTEN152082	Ramsey Village HGV Route	Feasibility Only	29/07/2016	July 2016	feasibility into looking at the safest route for HGVs and the signage that is required	£10,000.00	
LTEN152095	Thorpe Road, Kirby Cross 2 X vas signs	Total Scheme	29/03/2016	March 2016	VAS signs to deal with speeding identified in speed surveys	£17,000.00	Complete
LTEN152098	Parkeston Road, Dovercourt - school crossing sign enhancement	Total Scheme	16/09/2016	September 2016	existing signage to be enhanced to better draw vehicles attention to the school crossing patrol	£10,000.00	
LTEN152099	Little Clacton, Bypass lane markings	Total Scheme	04/02/2016	February 2016	installation of lane markings on the Little Clacton bypass to signify to vehicles where they should be	£6,000.00	Complete
LTEN152103	Elm Tree Avenue school guardrailling	Total Scheme	10/11/2015	November 2015	Installation of guardrailling outside Hamford Academy to stop students from running straight out into the road	£3,000.00	Complete
LTEN155001	29006007 St Marys School Ardreigh	Total Scheme	29/11/2015	November 2015	replacement shelter	£9,250.00	Complete
LTEN155002	29006007 St Marys School Ardreigh	Total Scheme	11/05/2015	May 2015	Raised kerbs	£5,250.00	Complete
LTEN155003	LAW1 the Kings Arms Lawford	Total Scheme	24/11/2015	November 2015	replace shelter	£9,750.00	Complete
LTEN155004	32005001 Post Office Thorrington	Total Scheme	26/02/2016	February 2016	raised kerbing	£4,750.00	Complete
LTEN155005	32005001 Post Office Thorrington	Total Scheme	26/11/2015	November 2015	modifications to wooden shelter	£3,250.00	Complete
LTEN155006	32005001 Post Office Thorrington	Total Scheme	26/11/2015	November 2015	hard standing for shelter	£3,250.00	Complete
LTEN155007	AA132 Church hall Lawford - raised kerbing	Total Scheme	16/12/2015	December 2015	raised kerbing	£5,000.00	Complete
LTEN155008	AA132 Church hall Lawford - hard stand	Total Scheme	16/12/2015	December 2015	hard stand	£4,750.00	Complete
LTEN155009	LAW1 the Kings Arms Lawford	Total Scheme	21/12/2015	December 2015	raised kerbing	£5,000.00	Complete
LTEN155010	LAW101 Garden city Lawford	Total Scheme	11/03/2016	March 2016	hard stand	£5,250.00	Complete
LTEN155011	LAW1Y1Garden city lawford	Total Scheme	11/03/2016	March 2016	hard stand	£5,250.00	Complete
LTEN155012	320030y4 Sturrick Lane Gt Bentley	Total Scheme	12/08/2015	August 2015	new shelter and hard stand	£9,500.00	Complete
LTEN155013	32007y06 Gilders Way Clacton on Sea	Total Scheme	29/07/2015	July 2015	formally mark the bus stops	£1,000.00	Complete
LTEN155014	32007006 Gilders Way Clacton on Sea	Total Scheme	29/07/2015	July 2015	formally mark the bus stops	£1,000.00	Complete
LTEN155015	32007005 Tapsworth Close Clacton on Sea	Total Scheme	29/07/2015	July 2015	formally mark the bus stops	£1,000.00	Complete
LTEN155016	IM1887 Tapsworth Close Clacton on Sea	Total Scheme	29/07/2015	July 2015	formally mark the bus stops	£1,000.00	Complete
LTEN155017	32007Y04 Neasden Avenue Clacton on Sea	Total Scheme	29/07/2015	July 2015	formally mark the bus stops	£1,000.00	Complete
LTEN155018	32007004 Neasden Avenue Clacton on Sea	Total Scheme	29/07/2015	July 2015	formally mark the bus stops	£1,000.00	Complete
LTEN155022	DGK224 The wooden Fender Ardreigh	Total Scheme	11/03/2016	March 2016	formally mark the bus stops	£2,000.00	Complete
LTEN155023	DGK225 The wooden Fender Ardreigh	Total Scheme	15/10/2015	October 2015	replace old life expired passenger shelter	£8,000.00	Complete
LTEN155024	Tendring district wide	Total Scheme	29/02/2016	February 2016	wholesale refurbishment of passenger transport facilities	£28,000.00	Complete
LTEN158001	Footpath 2 Little Clacton	Total Scheme	04/09/2015	September 2015	To pipe the ditch adjacent to the path to increase its overall width and provide a firm, level surface and to ensure that the path can remain open, accessible and safe to use.	£21,000.00	Complete
LTEN158002	Footpath 45 & 48 Lawford - footpath improvements	Total Scheme	02/09/2016	September 2016	provision of a firm, levelled surfaced path sufficient for all year round	£24,000.00	
LTEN151007	Tendring District (CR Scheme) - Rosemary Road j/w Beach Road, Clacton-on-Sea	Design Only	13/04/2016	April 2016	CR Advanced Design	£2,000.00	
LTEN151007	Tendring District (CR Scheme) - Wick Lane j/w Dead Lane, Ardreigh	Design Only	15/04/2016	April 2016	CR Advanced Design	£1,500.00	
LTEN151007	Tendring District (CR Scheme) - B1027 Colchester Road 700m west of j/w Clay Lane, St Osyth	Design Only	09/03/2016	March 2016	CR Advanced Design	£1,500.00	Complete

Safer Roads

Total Value of schemes	£78,600
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Ref	Location	Description	Parish	Scheme stage	Cost Code	Allocated Budget	Comments	RAG
1	Detailed Design (CR Scheme) - Church Road, Thorrington	Consultation with the adjacent land / hedge owner and the cutting back of the existing hedges and grass. This will establish the extent of usable verge without complete removal of established trees and investigate the purpose and volume of existing ditch.	Thorrington	Implementation	LTEN142067	£30,000	Verge excavation along with footway revamping to improve visibility and pedestrian safety.	G
2	Detailed Design (CR Scheme) - High Street j/w Richard Avenue, Brightlingsea	Amendments to the new street junction with the high street to improve visibility and provide improved crossing points.	Hurst Green	Implementation	LTEN151007	£15,000	Awaiting completed design	A
3	Detailed Design (CR Scheme) - Rosemary Road j/w Beach Road, Clacton-on-Sea	Rosemary Road at its junction with Beach Road on the northern side by building out the footway. This will move the give way line forward in Beach Road, thus improving junction visibility. We are also providing additional informal pedestrian crossing points (dropped kerbs & tactile paving)	Clacton	Implementation	LTEN151007	£15,000	Awaiting completed design	A
4	Detailed Design (CR Scheme) - Wick Lane j/w Dead Lane, Ardleigh	Improved signage works, to become more reflective. Refresh lining works on approach	Ardleigh	Implementation	LTEN151007	£15,000	Awaiting completed design	A
5	Detailed Design (CR Scheme) - B1027 Colchester Road 700m west of j/w Clay Lane, St Osyth	Repositioning of existing chevron signs on the bend on the B1027	St Osyth	Implementation	LTEN151007	£3,600	For the implementation following the detailed design for reposition of the chevron signs	G

Traffic Management

Total Value of schemes	£109,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Frinton Road, Holland on sea	Request to consider installing bollards on footway to protect verge and footpath from vehicles parking and driving on it	Vehicles are conflicting with pedestrians and disrupting the newly installed path	Holland on Sea	Feasibility	LTEN152002	£15,000	It has been recommended for a controlled signalised crossing, feasibility and detailed design.	G
2	The Street, Crow Lane and Crown Lane	Request to consider reducing the speed limit throughout Tendring village and consider traffic calming measures in the first instance	Concerns regarding speeding vehicles	Tendring Village	Feasibility	LTEN152102/LTEN142075	£3,000	It has been recommended that a feasibility study be undertaken to consider the options.	G
3	B1035 Clacton Road, Manningtree	Request for advanced signage to stop HGV's driving right through Manningtree clacton road.	HGVs using this route	Manningtree	Feasibility	LTEN152001/LTEN142087	£3,000	Officers recommendation to carry out a signage review, looking into the existing weight limit prohibitions with remedial works to be carried out to correct any that are out of place.	G
4	Frating Road, Burnt Heath, Arleigh	Request received for thriving hamlet for possible gateway signage	Lack of identity for the hamlet	Ardleigh	Total scheme	LTEN152096	N/A	Our validations engineer has concluded that the verge measured approx. 1.0m. If you take into account the necessary 450mm clearance from the carriageway edge there is insufficient width to install any gateway feature here. Installing signage on the footway would require two posts and this would restrict the carriageway and would lead to pedestrians to walk in the road.	R
5	Shop Road / Bentley Road, Little Bromley	Speeding vehicles have been reported through Shop Road causing concerns.	Speeding issues	Little Bromley	Total scheme	LTEN152097/LTEN142009	£18,000	CMA currently in progress. Recommended to commission design and implementation costs for 2x VAS signs to be completed within the 16/17 financial year	G
6	A133 Colchester Road, Near Weeley	Layby Assessment	Layby has been worn down	Great Bentley	Feasibility	LTEN152104	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
7	B1027 Elmstead Heath, Alresford	Layby Assessment	Layby has been worn down	Elmstead	Feasibility	LTEN152105	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
8	B1029 Frating Road, Near Hare Green	Layby Assessment	Layby has been worn down	Frating	Feasibility	LTEN152106	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
9	B1032 Clacton Road, Holland Marshes	Layby Assessment	Layby has been worn down	Frinton and Walton Parish	Feasibility	LTEN152107	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
10	B1032 Frinton Road, Holland Haven	Layby Assessment	Layby has been worn down	Holland on Sea	Feasibility	LTEN152108	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
11	B1033 Thorpe Road, Kirby Cross	Layby Assessment	Layby has been worn down	Thorpe-Le-Soken	Feasibility	LTEN152109	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
12	B1034 The Street, Kirby-Le-Soken	Layby Assessment	Layby has been worn down	Frinton and Walton Parish	Feasibility	LTEN152110	TBC	In validation - Sites assessed, highway boundary request made 04/11/15. Subject to highway boundary confirmation, surfacing, kerbing and drainage.	
13	B1414 Harwich Road, Great Oakley	Layby Assessment	Layby has been worn down	Great Oakley	Feasibility	LTEN152111	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
14	B1414 Harwich Road, Little Oakley	Layby Assessment	Layby has been worn down	Little Oakley	Feasibility	LTEN152112	N/A	Site has been assessed, not suitable for LHP consideration. Maintenance issue	R
15	Walton Road jw Landeremere Road	Layby Assessment	Layby has been worn down	Thorpe-Le-Soken	Feasibility	LTEN152113	N/A	Validation returned 14/12/15. Proximity to junction makes this unachievable	R
16	Meadow Way / Beach Way Jaywick	Removal of No Entry Sign, erection of 30mph Flashing sign, golf green road and for the reinstatement of the mini roundabout at Tamarisk/Brooklands/ Lotus Way.	Various issues	Jaywick	Feasibility	LTEN152114/LTEN142064	£4,000	Validation returned and suggests that a feasibility study is undertaken to establish the viability of the different options.	G

Traffic Management

Total Value of schemes	£109,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
17	Wix Road, Ramsey Junction with Tinkers street	Gateways to show entrance to Ramsey Village	Lack of parish boundary signs	Ramsey	Feasibility	LTEN152115	£8,000	It is recommended a feasibility study be carried out, a video survey should be included in this to determine actual numbers of people travelling to the play area. Estimated cost: £8,000 As an interim measure, pedestrian in road warning signs could be installed although these will need to be removed should the footway construction go ahead. Estimated cost of signage: £4,000 Any change to speed limit would not meet policy	G
18	Wix Road, Ramsey	Speeding issue, 30 MPH to be extended	Speeding Issues	Ramsey	Feasibility	LTEN152116	TBC	In Validation	
19	Marine Parade East	Pedestrian crossing request	Difficulty in crossing the road	Clacton	Feasibility	LTEN152117	£6,000	Officers recommendation to install a zebra crossing at this location. Detailed design for 16/17 only.	G
20	Church Road, Brightlingsea	Concerns raised by the Colne Community College in terms of speed of traffic and for students crossing the road	Pedestrian crossing issues	Brightlingsea	Feasibility	LTEN152118	TBC	In Validation	
21	Bateman Road, Red Barn Road, Brightlingsea	Bateman Road is very wide and students are experiencing difficulty in safely crossing the road.	Pedestrian crossing issues	Brightlingsea	Feasibility	LTEN152119	TBC	In Validation	
22	Bentley Road, Weeley	Speeding and Volume survey need to identify what measures can be put in place to improve road safety	Speeds and Volume of traffic	Weeley	Feasibility	LTEN152120	£500	Waiting to undertake speed survey in the spring as agreed with Cllr Erskine	G
23	Chapel Lane, Thorrington	Proposal is that chapel lane is made into a one way from the B1027 to Church Road	Chapel Lane onto the B1027 has very restricted visibility is the road is very narrow	Thorrington	Feasibility	LTEN152122/LTEN142072	£3,000	It is recommended that a feasibility study be carried out to determine whether the road could be made a one way and also to design and cost improvements to the Bennett junction. Parking restrictions could also be considered at the junction so shop does not lose business or passing trade. Points to consider: How do residents who live in Chapel Lane feel about a one way road as it would cause them inconvenience? Very concerned about the increase in speeds if a one way was installed. Parish would need to be told that if one way was installed then there would be no future funding for traffic calming .	G
24	Heath Road, Bradfield	Survey to assess if the site meets the criteria for a 40mph VAS	Speeding, difficulty crossing road, congestion, parking, signage	Bradfield	Feasibility	LTEN152123	TBC	In validation	

Traffic Management

Total Value of schemes	£109,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
25	Entrance to Weeley on B1033 Colchester Road/Thorpe Road	Speeding traffic through Weeley both along the Clacton Road towards Weeley Heath and Little Clacton and more noticeably along the B1033 Colchester Road, Thorpe Road leading to Thorpe Le Soken and Frinton on Sea	Speeding concerns	Weeley	Total scheme	LTEN152124	TBC	In Validation	
26	Various locations around Manning tree	Signage review	Confusing/unnecessary signage needs tidying	Manningtree	Feasibility	LTEN152125	£3,000	Officers recommendation to complete a signage review to assess the location correctly.	G
27	Valley Road, Clacton-on-Sea	With Farm Foods, Screw Fix and Formula 1 opening the traffic at the junction is becoming a problem.	Congestion, parking, difficulty crossing the road	Clacton	Feasibility	LTEN152128	£3,000	Feasibility study to ascertain how we can implement the improvements needed at this location.	G
28	Thomas Road, Clacton-on-Sea	Clear road signs around the area. One way system request and addition of double yellow lines on both sides to maintain traffic flow	Congestion, parking, difficulty crossing the road	Clacton	Feasibility	LTEN152130	TBC	In Validation	
29	Low Road, Harwich	Assessment for possible traffic calming	Speeding Issues	Harwich	Total scheme	LTEN152131	TBC	Clr Johnson has rejected this application to proceed through the CMA process. Emailed Clr Henderson communication regarding this decision.	R
30	A133 Colchester Road, Tendring	Complaints have been received by the parish, residents and local business owners.	Speeding issues	Little Bentley	Feasibility	LTEN152132	TBC	In Validation	
31	A120, Harwich Gateway Signage	The parish and Clr Henderson would like a Gateway and entrance sign by the docks on the A120.	Lack of Harwich entrance signing.	Harwich	Total scheme	LTEN152132	TBC	In Validation	
32	Little Clacton Road, Clacton	Local residents have complained about constant speeding along this road. Several accidents reported	Speeding issues	Clacton	Total scheme	LTEN152134	£25,000	During the site visit there was no evidence of pedestrian activity and given the rural nature of the area it is thought not many people would use the path. It is recommended that a feasibility study be carried out and a video survey be done to determine the amount of people that would benefit from the footway. It should be noted that the cost of installing the footway (if possible) will be high and will lead to the urbanisation of the area.	G
33	Bridge over Holland Brook, Church Road, Little Bentley	The bridge over Holland Brook on Church Road in Little Bentley is too narrow to allow for two larger vehicle to pass simultaneously.	Congestion/accidents on the bridge	Little Bentley	Feasibility	LTEN152135	TBC	In Validation	
34	Monkey Street to A120, Little Bentley	Speeding on Monkey Street to the A120 to be reduced to the same or less than the A120 to overcome the problem.	Speeding Issues	Little Bentley	Feasibility	LTEN152136	TBC	In Validation	
35	Feasibility Study - Tenpenny Hill, Thorrington	Thorrington Parish Council have over a number of years tried to have a footpath provided along the stretch of Tenpenny Hill, Thorrington where there is no facility for pedestrians to walk.	No connecting footpath through Tenpenny Hill		Implementation	LTEN003005	N/A	Feasibility report completed - As a result of the observations made during the initial site investigation, it has been determined that a footway would not be achievable without considerable and costly works undertaken. For full details consult the feasibility report.	G
36	Feasibility Study - Holland Rd & Valley Rd, Clacton	Installation of mini roundabout following on from feasibility study undertaken in 2014	Congestion and traffic issues	Clacton	Implementation	LTEN142027	N/A	Feasibility report completed - In summary the introduction of a mini roundabout is physically possible, however as the traffic survey from the traffic survey suggests a substantially lower flow of vehicles entering from Arm C. No cost has been prepared as this scheme will not be feasible	R

Traffic Management

Total Value of schemes	£109,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
37	Feasibility Study - B1027 St Johns Road, Clacton j/w Little Clacton Road	1) Feasibility study of removing the two Separate entry / exits from Little Clacton Road and replacing these with a mini roundabout arrangement.	Congestion and traffic issues	Little Clacton	Implementation	LTEN141003	TBC	Awaiting results of feasibility study. Expected Mid April	A
38	Feasibility Study - Ramsey Village, HGV route	Feasibility into looking at the safest route for HGVs and the signage that is required	HGV's causing issues, blocking roads, congestion	Ramsey	Implementation	LTEN152082	TBC	Awaiting results of feasibility study. Expected Mid June.	A
39	Feasibility Study - Walton Road, Thorpe Le Soken, Kent's Hill	Residents report numerous Road Traffic Accidents in the location of the bend resulting in head-on collisions and suggest this is due to the road layout. This Feasibility Report will look at the reasons these incidents are occurring and consider if practical improvements can be made to the area to improve Road Safety and reduce collisions.	Accident site	Thopre Le Soken	Implementation	LTEN152013	£15,000	Feasibility report completed, 4 options: 1) Additional Edge of Carriageway Markers and cut back hedging on both sides £8,000 4) Provide bend warning signs to diagram 512 + SLOW white road markings on approaches £7,000	G
40	Brown Tourist Sign, A120 turn, Harwich	In consultation with Harwich Town Tourism Team and Tendring District Council, Harwich Town Council have been reviewing measures which could be put in place to assist with the promotion of attractions (run by voluntary organisations) located in Harwich and Dovercourt, and assist visitors to navigate on their last stage of their journey.	Lack of tourist signage	Harwich	Total scheme	LTEN152013	TBC	Borwn tourist signs are not part of the LHP remit. I will forward all details onto the relevant department for consideration	
41	Bar Corner, St Osyth	Concerns over safety at Bars Corner. From the speed at the junction, pedestrian safety, vehicles failing to stop at the crossroads.	Speeding, Congestion, Parking, Difficulty crossing the road, Lack of footway, signage	St Osyth	Feasibility	LTEN152014	N/A	The roads at this junction are narrow and the footways are nearly non-existent. The issue is that footway widths here are so narrow it would be against policy to reduce them further by installing advance warning signage. There has only been one slight accident at this location and all signage and lining is present and correct. This has not been highlighted as an accident black spot and given how tight everything is it is difficult to imagine drivers driving recklessly. Strongly advise that all incidents are reported to Essex Police.	R
42	B1027 Alresford	Speed survey carried out which did not meet criteria. Cllr Goggin and Alresford PC are very keen to progress via CMA	Speeding concerns	Alresford	Total scheme	LTEN152015	£500	Cllr Goggin is very keen to progress for a VAS sign via the CMA process. Email dated 04/02/2016 from Cllr Goggin. Validation advises against this which is complete. * 2x more speeds surveys are the best solution here. Emailed Cllr Goggin to confirm he is happy with the locations and we are ok to proceed 03/03/16.	G
43	Badminton Road, Jaywick, Tendring	Concerns have been raised about vehicles driving down Badminton Road, turning round and driving out. The problem, particularly during the seasonal months, is that cars park on double yellow lines making it very tight for the cars to turn so they have to reverse out.	Congestion	Jaywick	Feasibility	LTEN152016	N/A	Officers recommendation that a "T" plate be installed on the road name plate. This request needs to be put through the district council.	R

Traffic Management

Total Value of schemes	£109,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
44	Gorse Lane, Clacton	Residents on Gorse Lane are experiencing HGV traffic flowing down their road as drivers are mistaken the road for the industrial estate, the next road up.	Congestion, speeding, parking, noise pollution	Tendring Rural East	Total scheme	LTEN152017	£2,000	Although the industrial estate sign is large, it is low down and possibly not very visible to HGV drivers, high up in their cabs. It is thought that they are using Gorse Lane whilst following their sat navs. Without making the sign more conspicuous or installing further signing directing HGVs at the junction of Gorse Lane there is little else that can be done.	G
45	Mill Street, St Osyth	St Osyth pre school has moved location. A request for school signage either end of the pre school has been requested	Lack of signage	St Osyth	Total scheme	LTEN152018	N/A	The vehicular access to the preschool is difficult with over 1m rise from carriageway level. There is restricted visibility due the school's fencing and vegetation which should addressed by the Preschool itself.	R
46	Mayes Lane, Ramsey	Cars have been found parked on zig zags, parked on corners, double parked all the way around the Montessori Nursery. Side roads are also becoming congested due to no space for parents to pick up their children.	Congestion, Parking, difficulty crossing the road	Ramsey	Feasibility	LTEN152019	TBC	In Validation	
47	Colchester Road, Stones Green	Water running off from the highway frequently floods.	Drainage issues	Stones Green	Feasibility	LTEN152020	TBC	In Validation	
48	Clacton Road, Elmstead	The residents who live on this stretch of Road have informed us that they have issues with the noise of the motorbikes speeding and accelerating and they fear that the dangerous driving will cause an accident. One motorbike was caught by the police speeding at 133mph.	Speeding issues	Elmstead	Feasibility	LTEN152021	TBC	In Validation	
49	B1441 Clacton Road	Request for repeaters to enforce the new 30mph speed limit along the B1441 Clacton Road, Weeley & Weeley Heath	Speeding concerns, raise awareness of new speed limit	Weeley	Total scheme	LTEN152022	TBC	In Validation	

Cycling

Total Value of schemes	£0
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Coller Road, Harwich	Sustrans have, over the summer received some complaints about a section of National Cycle Network (NCN 51) just outside Harwich International Port.	No dropped kerb on cycle route, lack of signage causing confusion	Harwich	Feasibility	LTEN154001	TBC	In Validation	

Walking

Total Value of schemes	£31,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Pram Crossings	Pedestrian drop kerbs	Lack of pedestrian crossing facilities	District Wide	Total scheme	LTEN153002	£20,000	Several sites already identified and it is suggested that a lump sum is allocated so that further sites can be installed as required. £1000 per pair	G
2	Ramsey Road, Dovercourt	No connecting footpath to adjacent footpath/B1352 Ramsey Road	No continuous footpath. Dangerous for pedestrians	Dovercourt	Total scheme	LTEN153003	TBC	In Validation	
3	Thorrington Road	Footpath connection missing between the Village sign on Thorrington Road up to Brook Farm	Lack of footway, dangerous for pedestrians	Great Bentley	Feasibility	LTEN153004	£5,000	There appears to be enough highway land for a footway; approx. 100m of new footway and a pedestrian structure required. Reccomended to proceed with feasibility study due to site complexity. Estimated cost £5,000	G
4	Harwich Road, Great Bromley	No footpath linking two residential areas, local amenities like the courthouse and public house can not be reached from the other residential area.	Missing footpath linking two residential areas	Great Bromley	Feasibility	LTEN142077	£6,000	There is currently no space available and this may encourage pedestrians to walk into the car park for a section, which could lead to collisions and may need consultation with the inn owners. It is reccomended that a feasibility study be undertaken to look into the possible solutions.	G

Public Rights of Way

Total Value of schemes	£78,000
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	Footpath 51, Frinton & Walton	Popular footpath providing a link to Walton town in an urban area. A natural path which becomes very muddy during periods of wet weather.	Extremely muddy and deteriorating surface	Frinton and Walton Parish	Total scheme	LTEN158001	£15,100	To undertake vegetation clearance and provide a surfaced path (plainings) for its total length of 100m x 1.5m wide.	G
2	Footpath 41, Lawford	Popular footpath linking the village to the train station and is predominately used by commuters. The northern end of the path has a natural surface which becomes very muddy during periods of wet weather. Improvements made to the surface of the path may encourage more users to make more sustainable transport arrangements.	Extremely muddy and deteriorating surface. Water logged	Lawford	Total scheme	LTEN158002	£6,500	To undertake vegetation clearance and surface a 200m length of path with plainings x 1.5m wide.	G
3	Footpath 20, Alresford	Footpath is not available on its definitive line. It has been determined that the path has been lost to the ditch.	Overgrown vegetation and muddy surface	Alresford	Total scheme	LTEN158003	£21,500	To undertake major excavation works to clear established vegetation, pipe the ditch and provide a solid surfaced path for a distance of 140m x 1.5m wide.	G
4	Footpath 13, Great Clacton	Popular natural path which regularly becomes overgrown as well as becoming very muddy during periods of wet weather. Situated in a rural development providing a link to two schools (Oakwood Infant School and Alton Park Junior School).	Overgrown vegetation and muddy surface	Great Clacton	Total scheme	LTEN158004	£18,900	To undertake vegetation clearance and provide a surfaced path (plainings), for a total length of 300m x 1.5m wide.	G
5	Footpath 46, Great Clacton	Natural surface path which becomes very overgrown. Footpath is situated within an urban area and in its current condition is not considered to be fit for purpose.	Overgrown vegetation and muddy surface	Great Clacton	Total scheme	LTEN158005	£16,000	To create a black topped, surfaced path measuring 1.5m wide with wooden edging.	G

Quiet Lanes

Total Value of schemes	£0
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Comments	RAG
1	Gutteridge Hall Lane	Recommendations for Quiet Lanes	N/A	Weeley	Total scheme	LTEN152004	In validation	
2	Crow Lane	Recommendations for Quiet Lanes	N/A	Weeley	Total scheme	LTEN152005	Both speed surveys undertaken on Crow Lane do not meet the criteria for a quiet lane. * More than 1,000 vehicles recorded per day in both directions * 85th percentile speed is higher than 35mph in both directions	R
3	Mill Lane	Recommendations for Quiet Lanes	N/A	Weeley	Total scheme	LTEN152006	In validation	

Passenger Transport

Total Value of schemes	£57,300
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
1	The Paddocks	TBC		Aingers Green	Total scheme	LTEN155001	£650	New stop required due to ECC retendered route	G
2	Aingers Green Road	TBC		Aingers Green	Total scheme	LTEN155002	£650	New stop required due to ECC retendered route	G
3	The Plough	TBC		Aingers Green	Total scheme	LTEN155003	£650	New stop required due to ECC retendered route	G
4	The Kings Arms	TBC		Frating	Total scheme	LTEN155004	£650	New stop required due to ECC retendered route	G
5	The Kings Arms	TBC		Frating	Total scheme	LTEN155005	£650	New stop required due to ECC retendered route	G
6	Chapel Lane	TBC		Gt. Bromley	Total scheme	LTEN155006	£650	New stop required due to ECC retendered route	G
7	Chapel Lane	TBC		Gt. Bromley	Total scheme	LTEN155007	£650	New stop required due to ECC retendered route	G
8	The Old Courthouse	TBC		Gt. Bromley	Total scheme	LTEN155008	£650	New stop required due to ECC retendered route	G
9	St Clair Close	Site code: GCFARM2		Gt. Clacton	Total scheme	LTEN155009	£650	New stop required due to ECC retendered route	G
10	Redbridge Road	Site code: LEYCRT2		Gt. Clacton	Total scheme	LTEN155010	£650	New stop required due to ECC retendered route	G
11	Epping Close	Site code: IM0002Y		Gt. Clacton	Total scheme	LTEN155011	£650	New stop required due to ECC retendered route	G
12	Glade View	Site code: GLVWCLA		Gt. Clacton	Total scheme	LTEN155012	£650	New stop required due to ECC retendered route	G
13	Oxford Road	TBC		Gt. Clacton	Total scheme	LTEN155013	£650	New stop required due to ECC retendered route	G
14	Oxford Road	TBC		Gt. Clacton	Total scheme	LTEN155014	£650	New stop required due to ECC retendered route	G
15	Valley Road	TBC		Gt. Clacton	Total scheme	LTEN155015	£650	New stop required due to ECC retendered route	G
16	Valley Road	TBC		Gt. Clacton	Total scheme	LTEN155016	£650	New stop required due to ECC retendered route	G
17	Harwich Road	TBC		Hare green	Total scheme	LTEN155017	£650	New stop required due to ECC retendered route	G
18	Chase road west	TBC		Hare green	Total scheme	LTEN155018	£650	New stop required due to ECC retendered route	G
19	103/104	Various		Tendring	Total scheme	LTEN155019	£350	Additional bus stop infrastructure required due to ECC retendered route	G
20	Route 3/4	Various		Tendring	Total scheme	LTEN155020	£500	Additional bus stop infrastructure required due to ECC retendered route	G
21	Route 19	Various		Tendring	Total scheme	LTEN155021	£1,200	Additional bus stop infrastructure required due to ECC retendered route	G
22	Route 76	Various		Tendring	Total scheme	LTEN155022	£250	Additional bus stop infrastructure required due to ECC retendered route	G
23	Thorpe Road	TBC		Weeley	Total scheme	LTEN155023	£650	New stop required due to ECC retendered route	G
24	Thorpe Road	TBC		Weeley	Total scheme	LTEN155024	£650	New stop required due to ECC retendered route	G
25	Centenary Way	Site code: JMD1022		Gt. Clacton	Total scheme	LTEN155025	£8,500	Shelter, asked for as part of the ECC retendered route	G
26	Milton Road	Site code: 29007013		Law ford	Total scheme	LTEN155026	£9,500	Request for a new passenger shelter	G
27	The Street, Little Clacton - Outside No 157	Replacement of an ageing bus shelter	Replacement of an ageing bus shelter	Little Clacton	Total scheme	LTEN155027	£8,000	Passed to PT team to look at details	G

Passenger Transport

Total Value of schemes	£57,300
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Ref	Location	Description	Problem	Parish	Scheme stage	Cost Code	Estimated cost	Comments	RAG
28	London Road, Little Clacton	Replacement of an ageing bus shelter	Replacement of an ageing bus shelter	Little Clacton	Total scheme	LTEN155028	£8,000	The land behind the current bus stop is currently part of a planning application for 5/6 dwelling, outline ref number is 01561, EEC PT. I have already been consulted by the developer about moving the bus stop and it would sensible to put a condition on the development to provide a new shelter and other infrastructure here and not to use LHP funding.	R
29	The Street, Little Clacton - Outside No 170	Replacement of an ageing bus shelter	Replacement of an ageing bus shelter	Little Clacton	Total scheme	LTEN155029	£8,000	Passed to PT team to look through	G
28	Flag Hill, Gt Bentley	Installation of a bus stop which appears to be missing	Missing bus stop	Great Bentley	Total scheme	LTEN155030	TBC	Missing bus stop identified.	G

Report 3 – Appendix

1) Completed Feasibility Studies

- B1027 Tenpenny Hill P1 – P4
- Walton Road, Thorpe Le Soken P5 – P14
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2) Public Rights of Way Schemes

- Footpath 13, Great Clacton P15 – P16
- Footpath 20, Alresford P17 – P19
- Footpath 41, Lawford P20 – P22
- Footpath 51, Frinton & Walton P23 – P25
- Footpath 46, Great Clacton P26 – P27

3) Completed Safer Road Schemes

- B1027 Colchester Road, St Osyth P28
- Church Road, Thorrington P29

DC3411 - Proposed Footway Feasibility Report – B1027 Tenpenny Hill, Thorrington

1.0 Brief

Highways Liaison Officer (Rob MacDonald) has requested that the Highway Improvements Design Team at SMO1 undertakes a feasibility study into the provision of a new footway on B1027 Tenpenny Hill, Thorrington, from *Fir Tree Café*, located on the southwest side of the carriageway, northwest to *Thatched Cottage*, located on the northeast side of the carriageway.

It has been requested that costs for all options are provided with the report.

2.0 Site Description and action points

There are some lengths of footway already in existence; on the south side of the carriageway from the direction of Thorrington, terminating outside *Fir Tree Café*; and; on the north side of the carriageway, from the direction of Alresford, terminating outside *Thatched Cottage*. Broadly speaking the condition of the footways are serviceable, however the widths vary and some sections are narrower than current standards allow. Also in one location a utility post is obstructing the footway.

B1027 Tenpenny Hill is classified as a PR1 route in the Essex County Council (ECC) Functional Route Hierarchy. It directly links Alresford and Thorrington and part of the main route to Brightlingsea.

Existing carriageway widths vary form around 6.7m to 7.7m.

The length of street in question is generally rural in nature with several accesses to residential properties; there is no street lighting and a 40MPH speed restriction exists throughout. There exists a length of double-white centre lines to prevent overtaking, most likely implemented due to reduced visibility caused by bends and the hill near to and on the site.

There is a bus stop close to the northwest end of the site.

For the most part the length of carriageway identified is kerbed and channel gullies appear to be the only form of drainage as verges to the side of the carriageway tend to bank up, away from the channel.

Action Points as outlined within the design brief

- Investigate the potential for the provision of a footway
- Provide costs for all options

3.0	<p><u>Site Location Plan</u></p> <p>Please see Appendix A</p>
4.0	<p><u>Site Observations</u></p> <ul style="list-style-type: none">• No traffic or speed surveys have been carried out at this time, but it appears that there is not a high level of compliance with the existing 40MPH speed restriction.• The bus stop close to the northwest end of the site appears to be serviced regularly; seven separate bus services have been identified. It is assumed buses will also stop in the carriageway on the opposite side of the carriageway for the return trip as there is no lay-by or bus flag sign. Routes include: 74, 74A, 74B, 78, 78E, 87 which service a Clacton to Colchester/Colchester-Glacton and 703, the last of which is a school bus.• The condition of the existing drainage system is unknown. Dependent on further investigation it may be necessary to alter or improve the existing system if works are to progress.• Street lighting is not present.• An aerial bunched cable (ABC) exists on the southwest side of the carriageway, which has been identified as a hazard during the construction phase, but should not prevent any footway construction from being carried out.• Despite the rural nature of the site there are several underground services. Mains water supply is shown to be located beneath centre line of the carriageway and may have an affect on any design/works.• At some point along the length of the street it would likely be necessary to implement an uncontrolled pedestrian crossing point to allow pedestrians to cross the carriageway. As vehicle speeds appear to be high a pedestrian refuge would be recommended, however the carriageway is not wide enough to allow the installation of even the narrowest pedestrian refuge.• Due to the position of the road in the Functional Route Hierarchy it is unlikely that the overall width of the carriageway may be narrowed. This leaves very little room within the highway boundary in which to construct a footway.• The width between the northeast side of the carriageway and the highway boundary is generally too narrow to implement even a narrow footway and furthermore would require extensive landscaping works and accommodation works.

- The width between the southwest side of the carriageway and the highway boundary may be wide enough to implement a useable footway, however the land on this side of the carriageway makes up part of an earth embankment. The services on this side of the carriageway are not likely to be shallowly laid as they are in a verge.

5.0 Considerations

As a result of observations made during the initial site visit and a cursory investigation, it has been determined that a footway would not be achievable without considerable and costly works taking place:

- Embankment and/or retaining wall constructed on private property.
 - Embankment option would require complete clearance of existing vegetation to allow importation of materials and access for plant.
 - Retaining wall option would require access *ad infinitum* for the purposes of structural inspections/maintenance and some form of guardrail to prevent falls.
 - Property owner has not been identified or approached at this stage.
 - Services have been identified in the verge and may need to be altered in order to construct either an embankment or retaining wall.
- Existing footway at the northwest access of *Fir Tree Café* made good.
- Existing vegetation cut back (property owner unknown at this stage).
- Existing trees removed and/or crowns raised.
- Existing 40MPH signposts replaced with longer posts to ensure appropriate mounting height of signs over a footway.
- Removal/relocation of existing traffic mirror opposite *Cedar Lodge/The Oaks*.
- Adjusting the level of an existing fire hydrant and removing/relocating the associated marker.
- Installation of a pedestrian refuge on the northwest side of the access to *Thatched Cottage* and *The Willows*, requiring localised carriageway widening.
- Existing footway at the access to *Thatched Cottage* and *The Willows* to be made good.
- Existing telecommunications inspection cover frames and lids to be adjusted.

Whilst the aforementioned works are physically possible they would be particularly costly, especially as private land would need to be purchased and dedicated as highway and it is likely that services may need to be altered.

This being the case, without further investigation it is believed the works cost would not be economically viable and furthermore the property owner may not wish for the Highway Authority to purchase land from him which would prevent the scheme from proceeding.

6.0 Cost Estimate

A cost estimate has not been prepared as the proposal is not seen to be feasible.

Prepared by:	Iain Jones – Design Engineer	Date:	2 nd April 2015
Approved by:	Not approved	Date:	N/A

DRAFT

Feasibility Report

HI4133 Walton Road, Thorpe Le-Soken, Kents Hill

1.0 Brief

Residents report numerous Road Traffic Accidents in the location of the bend resulting in head-on collisions and suggest this is due to the road layout. This Feasibility Report will look at the reasons these incidents are occurring and consider if practical improvements can be made to the area to improve Road Safety and reduce collisions.

2.0 Site Description

Walton Road links Thorpe Le-Soken B1414 with Kirby Le-Soken B1034 and as such is classified as a PR2 route despite having the appearance of a rural lane in places. This road is mostly flanked by farmer's fields with few residential and farm buildings. The area of concern is subject to a National Speed Limit has no streetlighting, Highway drainage or footways. Highway water is run off into road-side ditches as is the norm for such a rural road and the Highway boundary is delineated by mostly hedging over 3m high.

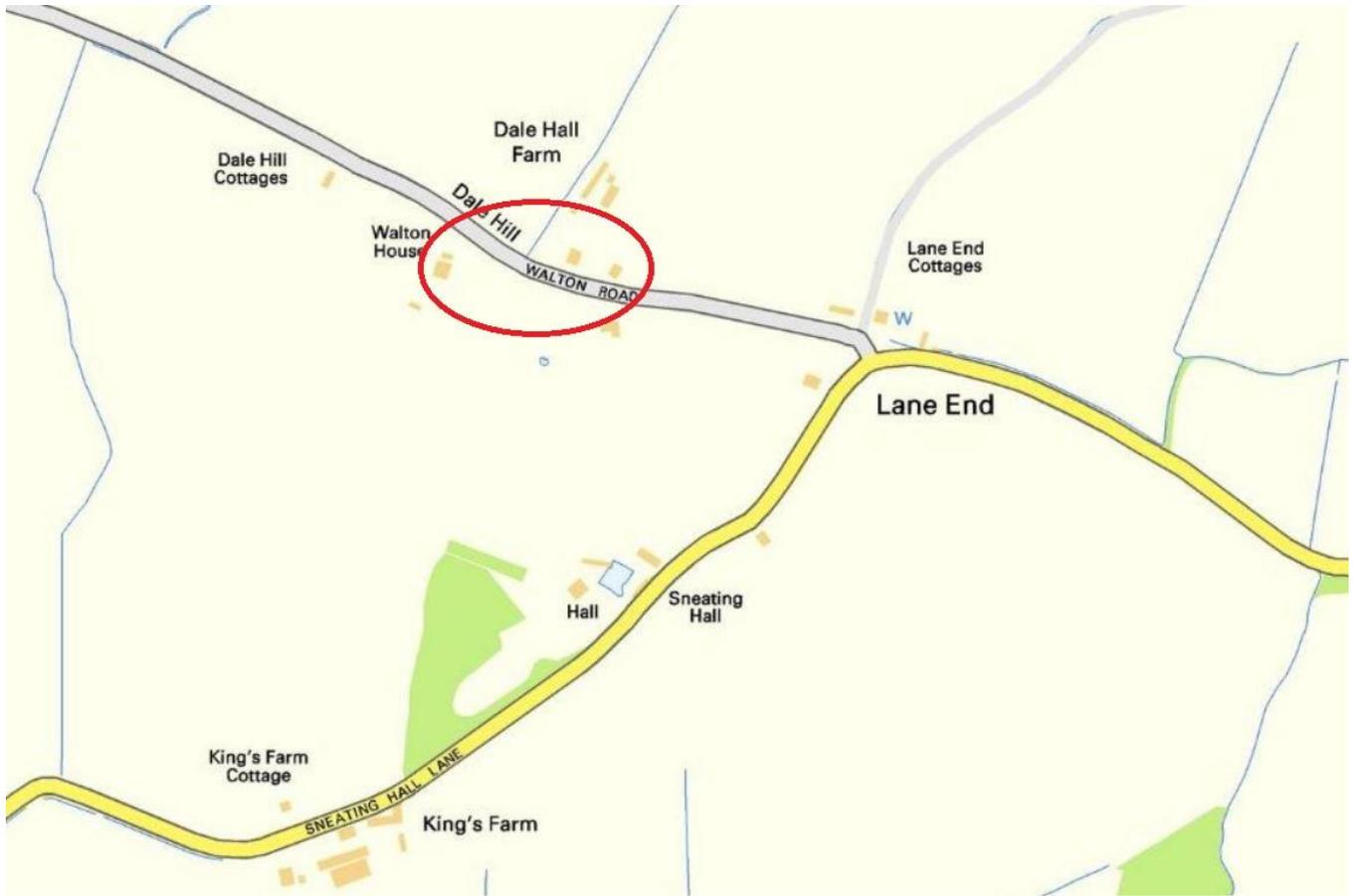
Electric and Telephone cables are provided overhead as expected of a rural location. Carriageway widths measured on site are between 4.5 and 5m and as such edge of carriageway road markings are provided but no centre line.

The carriageway has recently been surface dressed and road markings refreshed and appears in good order.

Feasibility Report

3.0

Site Location Plan CO13 0EN



4.0 Site Observations

An assessment of the 5 year collision data (01/11/2010 to 31/10/2015) in the area of the bend in the road shows 2 slight casualties and are shown in more detail below. These incidents could indicate vehicles are positioning their vehicles away from the nearside to avoid overhanging vegetation and colliding with oncoming traffic due to poor forward visibility.

Walton Road – 2x Slight injuries – 03Dec2013 11:28

2 Vehicles resulting in 2 casualties.

Small Goods vehicle under 3.5T travelling Southeast to Northwest skidded and hit larger Goods vehicle upto 7.5T head on. Both drivers suffered slight injuries.

Road surface was described as wet/damp, weather described as fine without high winds.

Police assessment of causation of incident = Small Goods Vehicle - Travelling too fast for conditions and Careless/Reckless/In hurry.

Walton Road – 1x Slight injury – 28Feb2012 08:30

3 Vehicles resulting in 1 casualty (driver of VEH3).

VEH1 (car) travelling in opposing direction to VEH2 (Bus) + VEH3 (car). Seeing VEH2 approaching VEH1 brakes heavily, skids and leaves the carriageway. VEH1 loses control and hits rear of VEH2 (Bus) and side of VEH3 (car).

Road surface was described as dry, weather described as fine without high winds.

Police assessment of causation of incident = VEH1 (17 year old Male) - Careless/Reckless/In hurry + loss of control.

Feasibility Report

Traffic survey results

A 7 day automatic Traffic count was carried-out on Walton Road 340m west of B1038 Sneating Hall Lane commencing Weds 02 July 2014.

9,090 vehicles travelled eastbound and 9,857 vehicles travelled westbound. Weekday daytime 85%iles of 37.3mph and 36.1mph respectively. The posted speed limit of 60mph was exceeded by 1.1% of eastbound vehicles and 0.2% of westbound vehicles.

The surveys show a low percentage of vehicles meeting or exceeding the speed limit (60mph) with most vehicles well under. The fact that the road is narrow and has a slight bend may well contribute to this traffic calming effect.

Walton Road – Eastbound Traffic

Total recorded volume	9,090.0
Avg daily volume (based on 7 days)	1,298.6
Average daily speed (7 days)	34.2mph
Average daily 85%ile (7 days)	37.4mph
% of vehicles exceeding 60mph	1.1%
Avg weekday volume (Mon-Fri, 24hrs)	1,451.6
Avg weekday speed (Mon-Fri, 24hrs)	34.1mph
Avg 12hr weekday speed (Mon-Fri, 0700-1900)	33.3mph
Avg 12hr weekday 85%ile (Mon-Fri, 0700-1900)	37.3mph
Percentage of HGVs	2.1%

Walton Road – Westbound Traffic

Total recorded volume	9,857.0
Avg daily volume (based on 7 days)	1,408.1
Average daily speed (7 days)	33.0mph
Average daily 85%ile (7 days)	36.2mph
% of vehicles exceeding 60mph	0.2%
Avg weekday volume (Mon-Fri, 24hrs)	1,562.0
Avg weekday speed (Mon-Fri, 24hrs)	33.1mph
Avg 12hr weekday speed (Mon-Fri, 0700-1900)	31.9mph
Avg 12hr weekday 85%ile (Mon-Fri, 0700-1900)	36.1mph
Percentage of HGVs	0.3%

Feasibility Report

5.0 Considerations

The following options are considered in this report:

1) Additional edge of carriageway markers

Install additional edge of carriageway markers to indicate the edge and prevent vehicle over-run.

2) Widen carriageway

Widen carriageway and install new white centre line.

3) Improve forward visibility along the road

Investigate recorded Road Traffic Accidents and suggest causes and improvements.

4) Additional warning signs and road markings

Add Bend Warning Signs and “SLOW” road markings on approaches

Additional edge of carriageway markers

Edge of carriageway markers are currently provided on both approaches to the bend and an inspection on site confirmed vehicle over-run is still occurring on the approaches despite the presence of these markers (see Appendix A). Any damaged markers should be reported and replaced by the Maintenance Team. No grass verges are provided on either side of the carriageway at the bend and as such it would be impossible to install additional markers. Cutting back the existing boundary hedging would allow the installation of new markers but it's hard to see how these markers would prevent vehicle over-run or even if this is an issue directly on the bend.

Widen carriageway

The existing carriageway is between 4.5m and 5m at the bend, with BT, Electricity poles and ditches close to the edge of the carriageway widening the carriageway at the bend would not be quick or cheap. From past experience relocating BT equipment is always expensive and at this point can only be estimated based on past figures. Estimates would need to be obtained from BT and UKPN if it was decided that this equipment would need relocating at a later date. 5m carriageway widths are not uncommon for rural roads and any increase in width would likely result in an increase in vehicle speeds through the area.

Feasibility Report

Improve forward visibility along the road

During a recent site visit it was noted that BT have recently installed a new pole directly on the bend and as part of this installation have cut back the existing boundary hedge (see [Appendix B](#)). The removal of this side growth has greatly improved the forward visibility in both directions and has highlighted the importance of maintaining the site-lines by regular maintenance of these boundary features. From the Accident Report it appears these incidents are a result of vehicles positioning their vehicles in the centre of the carriageway to avoid over-hanging branches along with the reduced forward visibility. Additional reduction in width and height of the hedges on both sides of the bend will result in much improved site-lines.

Additional warning signs and road markings

2x 'Road Narrows' signs are already erected on the approaches as is 1x 'SLOW' road marking on the northbound approach. Providing these additional measures may help drivers anticipate the bend in the road if forward visibility is obscured. The existing 'Road Narrows' signs appear to be in good order and un-obscured and so it is doubtful that additional signing would have much effect.

There is currently 1x 'SLOW' road marking before the bend on the northbound approach but this is approx. 85m before the bend so it may be beneficial to add additional markings 50m either side of the bend although if visibility is improved by removing vegetation around the bend this may not be required.

Feasibility Report

6.0

Economic Analysis

An analysis of possible costs is shown in the following table:

Scheme	Summary of works	Estimated costs
1) Additional Edge of Carriageway Markers and cut back hedging on both sides	Traffic Management (Road Closure) Hard cut back using hand tools Approx x10 new markers	
	Estimated Total	£8,000
2) Widen Carriageway	Traffic Management (Road Closure) Cut back existing vegetation Relocate BT + Electric pole Relocate 2x ditches Reconstruct existing verge as carriageway Remark existing edge of carriageway markings Safety Audit	
	Estimated Total	£50,000
3) Cut back existing boundary hedging on both sides	Traffic Management (Road Closure) Hard cut back using hand tools	
	Estimated Total	£5,000
4) Provide bend warning signs to diagram 512 + SLOW white road markings on approaches.	Traffic Management (Road Closure) Hard cut back using hand tools New posts, signs + road markings	
	Estimated Total	£7,000

Feasibility Report

7.0 Recommendations

Additional edge of carriageway markers may help highlight the bend in the road in advance but would require the boundary hedge to be cut back and would be unlikely to prevent over-run on the bend. Existing edge markers on the approaches have not prevented over-run and for these reasons there would be very little benefit to installing additional markers which would likely become a maintenance problem and therefore we would not recommend this option.

Adding additional 'bend' warning signs would unlikely aid visibility of the junction as existing 'road narrows' signs are present on site already. Adding 'SLOW' road markings may be of benefit but increasing visibility by reducing the hedging on the carriageway edge would most likely remove the need for this. For this reason we would not recommend adding 'SLOW' road markings in isolation or additional signing.

Looking at the Speed Survey results it is very likely that the width and bend in the road does act as a traffic calming feature, widening the carriageway would very likely increase vehicle approach speeds which may increase the number and severity of Road Traffic Accidents in the area. Widening the carriageway on the bend and on the approaches may reduce the verge over-run but without cutting back the boundary hedges the additional carriageway width would be unusable. The presence of BT and Electricity poles within close proximity to the edge of the existing carriageway make this option potentially expensive. An estimated figure has been supplied in the Economic Analysis section based on past experience but until the length of widening, sides of carriageway affected and additional width required is decided detailed estimates cannot be obtained from BT and UKPN. This is the most expensive option and it's difficult to see if the changes would reduce the number of accidents or increase vehicle speeds and be detrimental to the area, for these reasons we would not recommend this option.

BT have recently replaced a pole on the bend and as a result have cut back the boundary hedge on one side. Visiting the site and comparing the photos of 2014 and 2015 (see Appendix B) it is clear that cutting back the boundary hedges on both sides of the bend would increase the forward visibility giving the most benefit for the cost. These boundary hedges are the responsibility of the adjacent land owners but due to the width and geometry of the road a Road Closure may be required to carry-out this work safely. It is therefore suggested that in the interest of Road Safety the land owners are written to stating that we will undertake a hard cut back of the hedges on this occasion and remind them that they are responsible for future maintenance. It is also suggested that the Parish Council write to the properties yearly to remind the owners to keep these hedges cut well back from the Highway edge. Of all the options the benefits to the area from these works far outweigh the others for this reason this would be our recommended option.

Prepared by:	Jason McCloud	Date:	19 th Jan 2016
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Feasibility Report

Appendix A - SITE PHOTOGRAPHS SHOWING EXIT + APPROACH TO THE BEND



Exit to bend



Approach to bend.

Feasibility Report

Appendix B - SITE PHOTOGRAPHS SHOWING INCREASED VISIBILITY



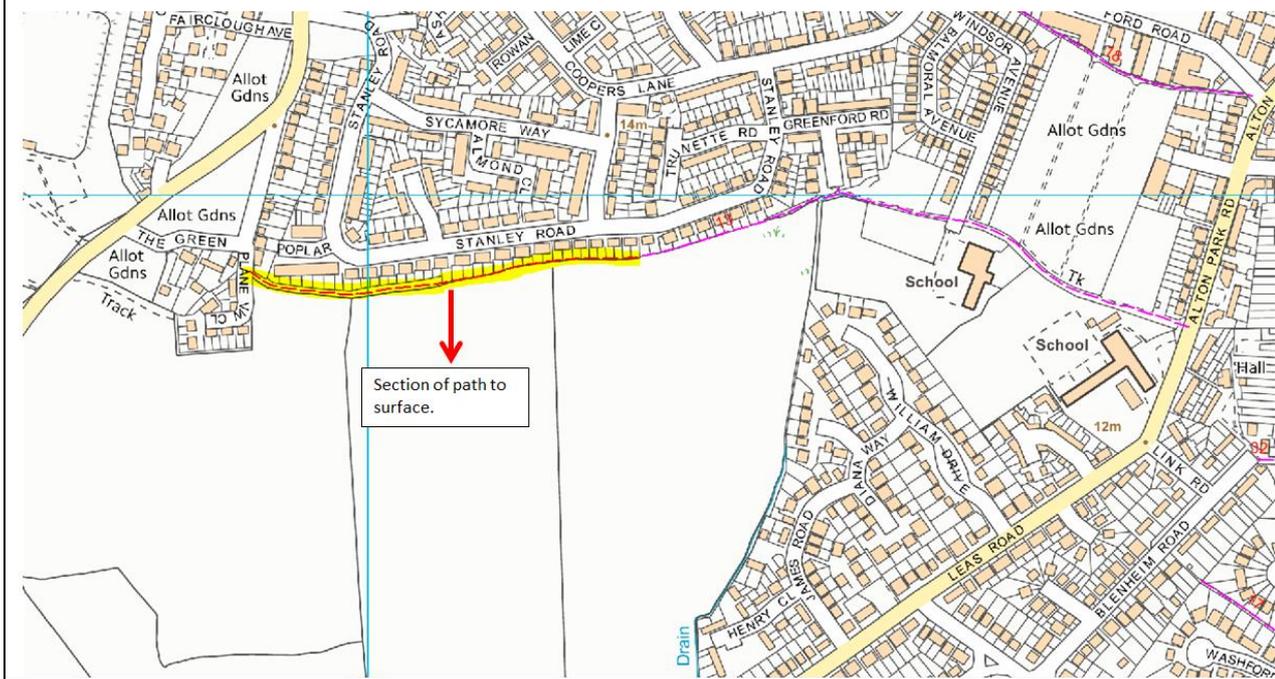
Google image dated Oct 2014 showing vegetation over-hanging carriageway on left side of pic.



Site photo taken Dec 2015 Vegetation cut back by BT.

INTERNAL SCHEME REQUEST FORM FOR LHP

NAME:	Sarah Potter
TEAM:	Public Rights of Way
DISTRICT:	Tending
LOCATION:	Footpath 13 Great Clacton
PROBLEM:	Popular natural path which regularly becomes overgrown as well as becoming very muddy during periods of wet weather. Situated in a rural development providing a link to two schools (Oakwood Infant School and Alton Park Junior School).
SCHEME DETAILS:	Undertake vegetation clearance and provide a surfaced path (plainings), for a total length of 300m x 1.5m wide.
LOCATION PLAN:	



PHOTOS:	
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ESTIMATED COST:	£18,900
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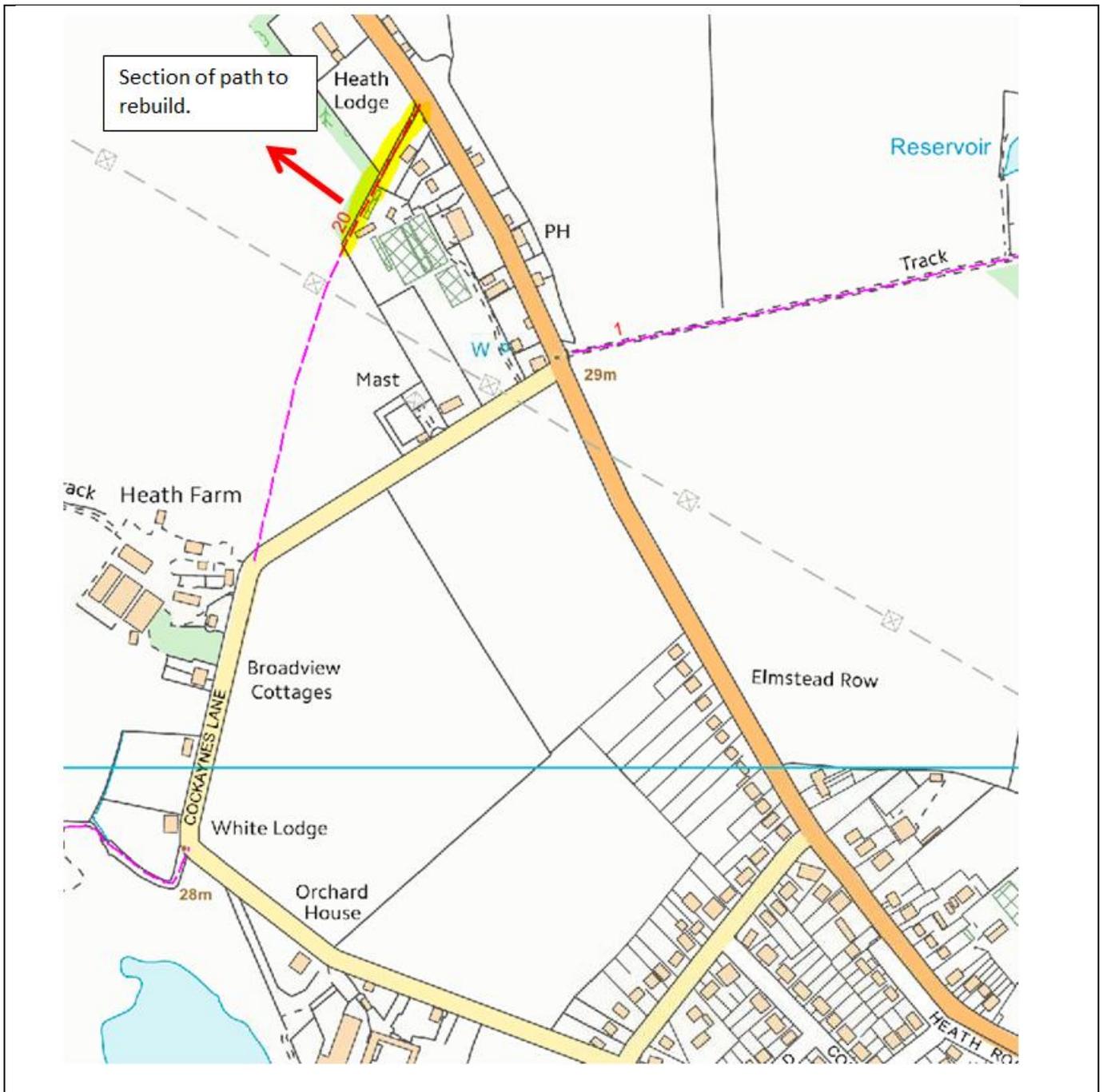
DATE:	18/01/2016
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Please mark the boxes to confirm if the following stakeholders have been consulted:

County Councillor	Parish Council
<input type="checkbox"/>	<input type="checkbox"/>

INTERNAL SCHEME REQUEST FORM FOR LHP

NAME:	Sarah Potter
TEAM:	Public Rights of Way
DISTRICT:	Tendring
LOCATION:	Footpath 20 Alresford
PROBLEM:	Footpath is not available on its Definitive Line. It has been determined that the path has been lost to the ditch.
SCHEME DETAILS:	Undertake major excavation works to clear established vegetation, pipe the ditch and provide a solid surfaced path for a distance of 140m x 1.5m wide.
LOCATION PLAN:	



PHOTOS:	
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ESTIMATED COST:	£21,500
------------------------	---------

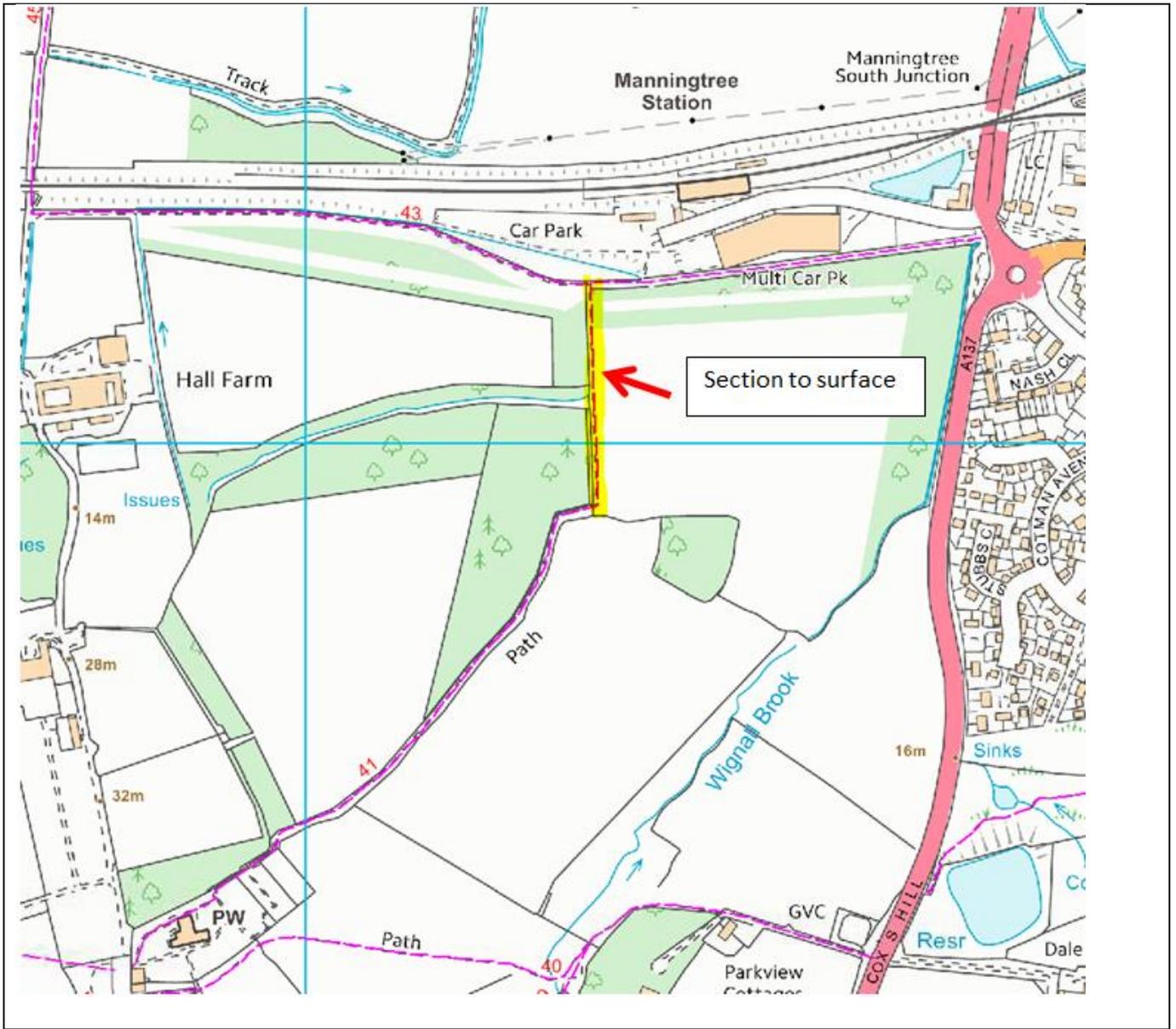
DATE:	18/01/2016
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Please mark the boxes to confirm if the following stakeholders have been consulted:

County Councillor	Parish Council
<input type="checkbox"/>	<input type="checkbox"/>

INTERNAL SCHEME REQUEST FORM FOR LHP

NAME:	Sarah Potter
TEAM:	Public Rights of Way
DISTRICT:	Tendring
LOCATION:	Footpath 41 Lawford
PROBLEM:	Popular footpath linking the village to the train station and is predominately used by commuters. The northern end of the path has a natural surface which becomes very muddy during periods of wet weather. Improvements made to the surface of the path may encourage more users to make more sustainable transport arrangements.
SCHEME DETAILS:	To undertake vegetation clearance and surface a 200m length of path with plainings x 1.5m wide.
LOCATION PLAN:	



PHOTOS:	
	
ESTIMATED COST:	£6,500
DATE:	18/01/2016

Please mark the boxes to confirm if the following stakeholders have been consulted:

County Councillor	Parish Council
<input type="checkbox"/>	<input type="checkbox"/>

Please forward completed form to relevant Highway Liaison Officer as below:

Basildon	Will Price	will.price@essexhighways.org
Braintree	Matt Valentine	matthew.valentine@essexhighways.org
Brentwood	Kim Shenton	kim.shenton@essexhighways.org
Castle Point	Will Price	will.price@essexhighways.org
Chelmsford	Jon Simmons	jon.simmons@essexhighways.org
Colchester	Joe Hazelton	Joe.Hazelton2@essexhighways.org
Epping Forest	Matt Valentine	matthew.valentine@essexhighways.org

INTERNAL SCHEME REQUEST FORM FOR LHP

NAME:	Sarah Potter
TEAM:	Public Rights of Way
DISTRICT:	Tendring
LOCATION:	Footpath 51 Frinton & Walton
PROBLEM:	Popular footpath providing a link to Walton town in an urban area. A natural path which becomes very muddy during periods of wet weather.
SCHEME DETAILS:	Undertake vegetation clearance and provide a surfaced path (plainings) for its total length of 100m x 1.5m wide.
LOCATION PLAN:	

PHOTOS:



ESTIMATED COST: £15,100

DATE: 18/01/2016

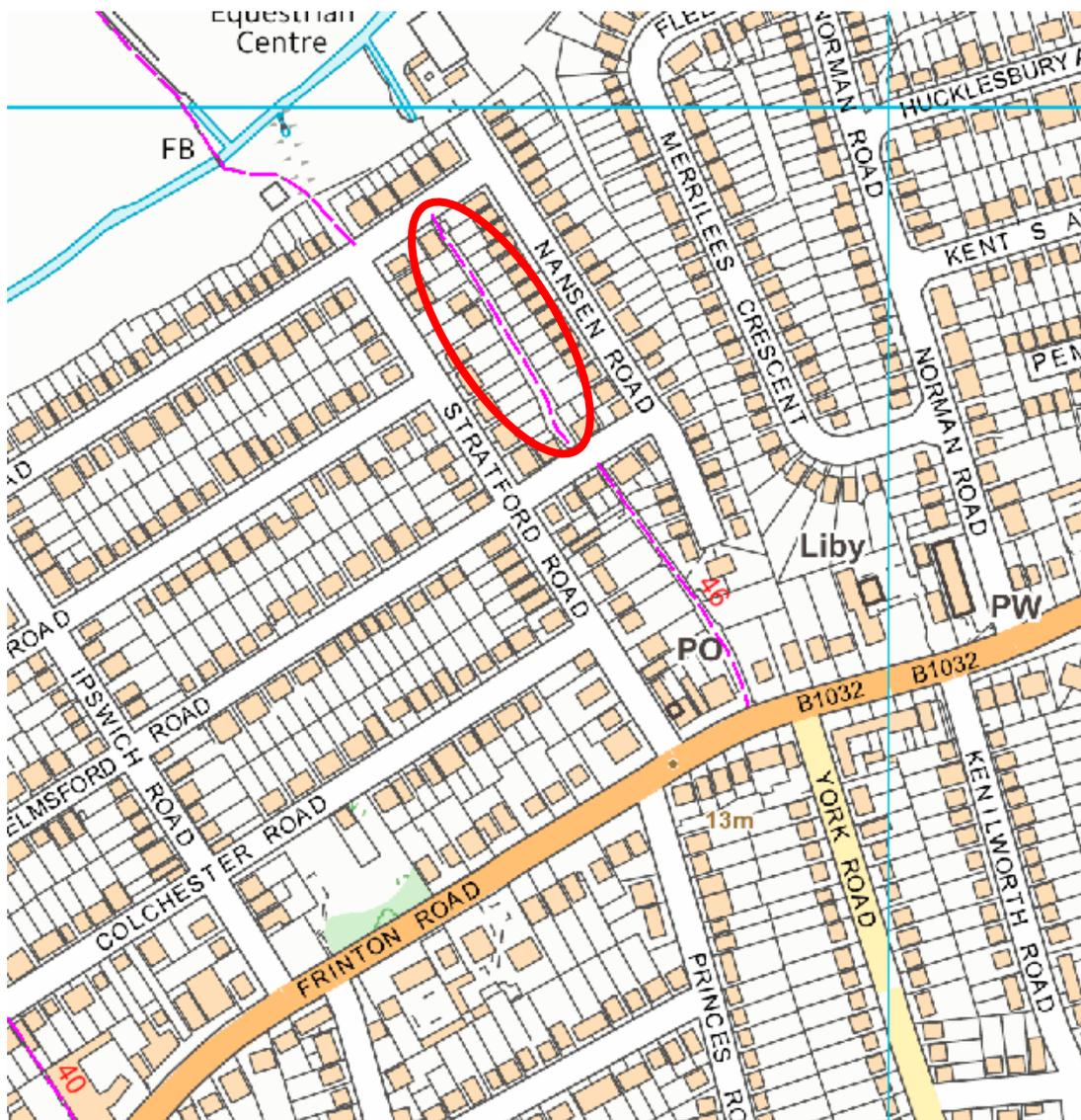
Please mark the boxes to confirm if the following stakeholders have been consulted:

County Councillor

Parish Council

INTERNAL SCHEME REQUEST FORM FOR LHP

NAME:	Sarah Potter
TEAM:	Public Rights of Way
DISTRICT:	Tendring
LOCATION:	Footpath 46 Great Clacton (section of path that runs between Slade Rd and Chelmsford Rd).
PROBLEM:	Natural surface path which becomes very overgrown. Footpath is situated within an urban area and in its current condition is not considered to be fit for purpose.
SCHEME DETAILS:	To create a black topped, surfaced path measuring 1.5m wide with wooden edging.
LOCATION PLAN:	Location of path circled in red below.



PHOTOS:	
	
ESTIMATED COST:	£16,000
DATE:	18/01/2016

Please mark the boxes to confirm if the following stakeholders have been consulted:

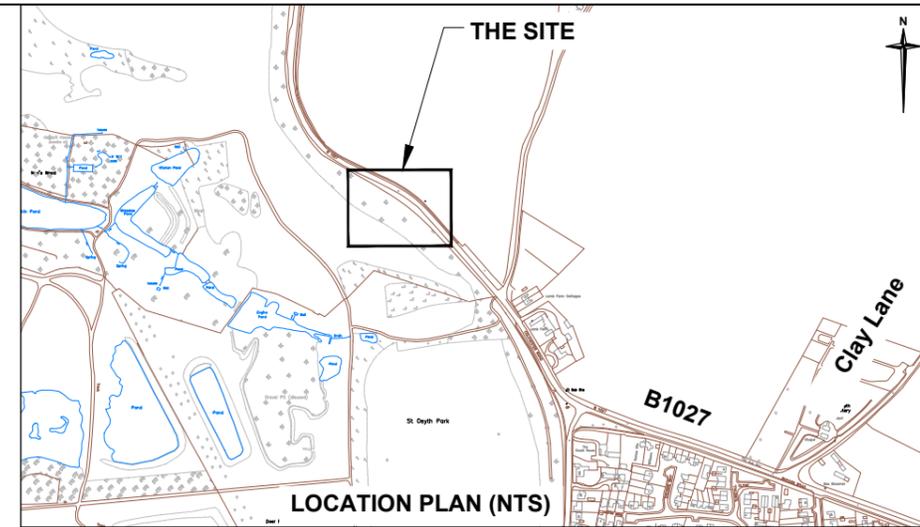
County Councillor	Parish Council
<input checked="" type="checkbox"/>	<input type="checkbox"/>

Please forward completed form to relevant Highway Liaison Officer as below:

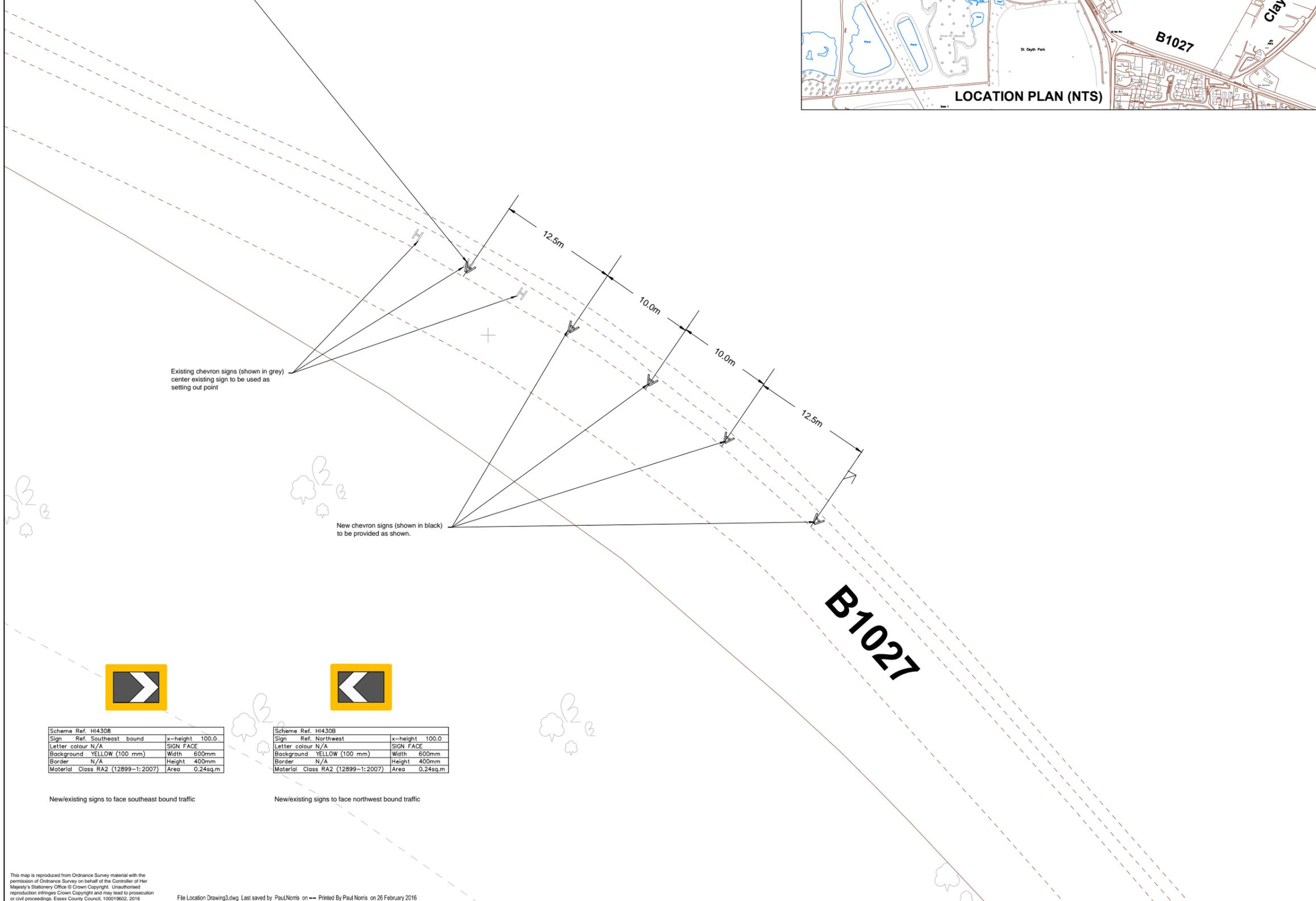
Basildon	Will Price	will.price@essexhighways.org
Braintree	Matt Valentine	matthew.valentine@essexhighways.org
Brentwood	Gregg Speller	gregg.speller@essexhighways.org
Castle Point	Will Price	will.price@essexhighways.org
Chelmsford	Jon Simmons	jon.simmons@essexhighways.org
Colchester	Joe Hazelton	Joe.Hazelton2@essexhighways.org
Epping Forest	Matt Valentine	matthew.valentine@essexhighways.org
Harlow	Rissa Long	rissa.long@essexhighways.org
Maldon	Jon Simmons	jon.simmons@essexhighways.org
Rochford	Gregg Speller	gregg.speller@essexhighways.org
Tendring	Joe Hazelton	Joe.Hazelton2@essexhighways.org
Uttlesford	Rissa Long	rissa.long@essexhighways.org



First new chevron (shown in black) to be located at the position of the existing centre chevron, subsequent chevrons to be spaced as detailed



- Notes**
- 6 number existing chevron signs (shown in grey) to be removed sign faces to be set aside for re-use, posts and foundations to be removed to tip.
 - 10 number new 76mm diameter posts to be provided at the spacing shown, signs to be mounted at 1.2m and to have 600mm ST5 square foundations.
 - 6 number existing signs and 4 number new chevron signs to be mounted on the 10 new posts.



Existing chevron signs (shown in grey) center existing sign to be used as setting out point

New chevron signs (shown in black) to be provided as shown.



Scheme Ref. HI4308	
Sign Ref. Southeast bound	x-height 100.0
Letter colour N/A	SIGN FACE
Background YELLOW (100 mm)	Width 600mm
Border N/A	Height 400mm
Material Class RA2 (12899-1:2007)	Area 0.24sq.m

Scheme Ref. HI4308	
Sign Ref. Northwest	x-height 100.0
Letter colour N/A	SIGN FACE
Background YELLOW (100 mm)	Width 600mm
Border N/A	Height 400mm
Material Class RA2 (12899-1:2007)	Area 0.24sq.m

New/existing signs to face southeast bound traffic

New/existing signs to face northwest bound traffic

Rev.	Date	Description of revision	Drawn	Checked	Reviewed	Approved

DRAWING STATUS

COST ESTIMATE



Mark Rowe, Service Director, Highways
Seax House, Victoria Road South, Chelmsford, CM1 1QH.
Tel: 0345 6037631 © Essex County Council

SCHEME TITLE

**B1027 COLCHESTER ROAD
700M WEST OF J/W CLAY LANE
ST OSYTH - L157007**

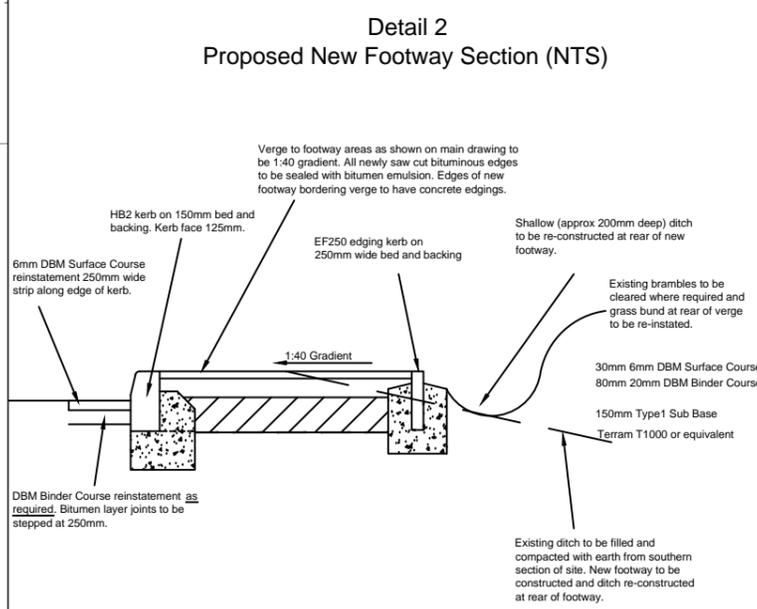
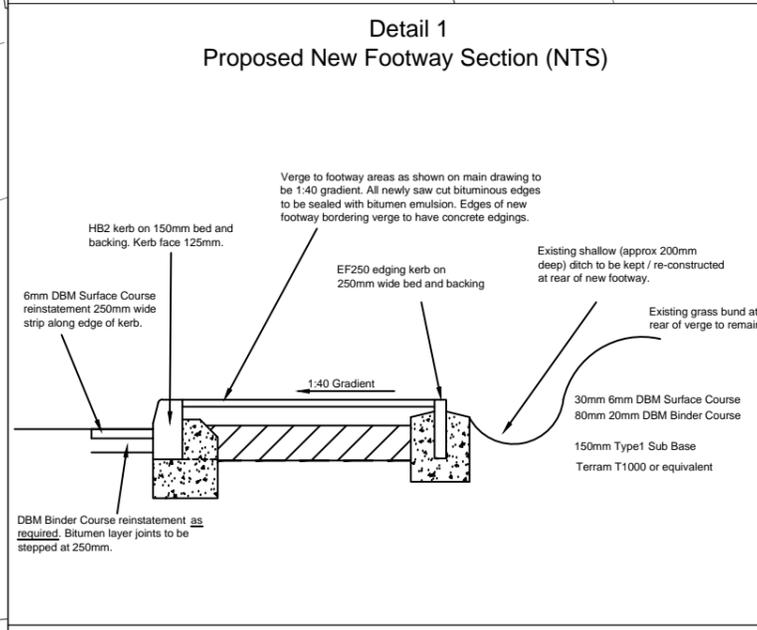
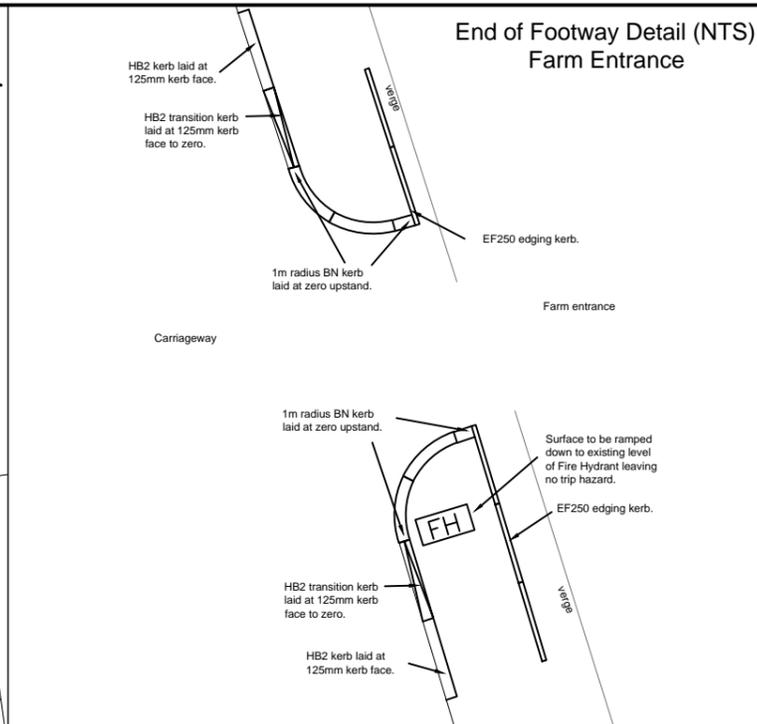
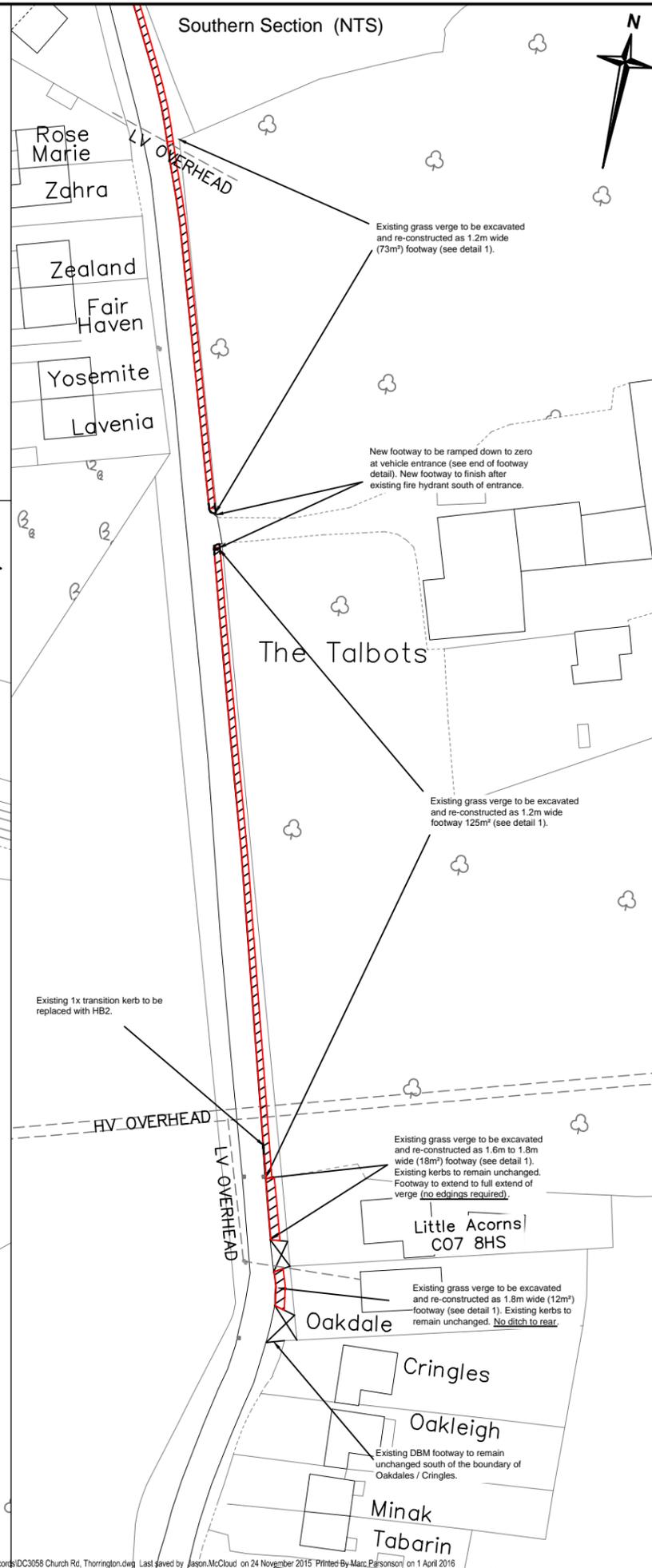
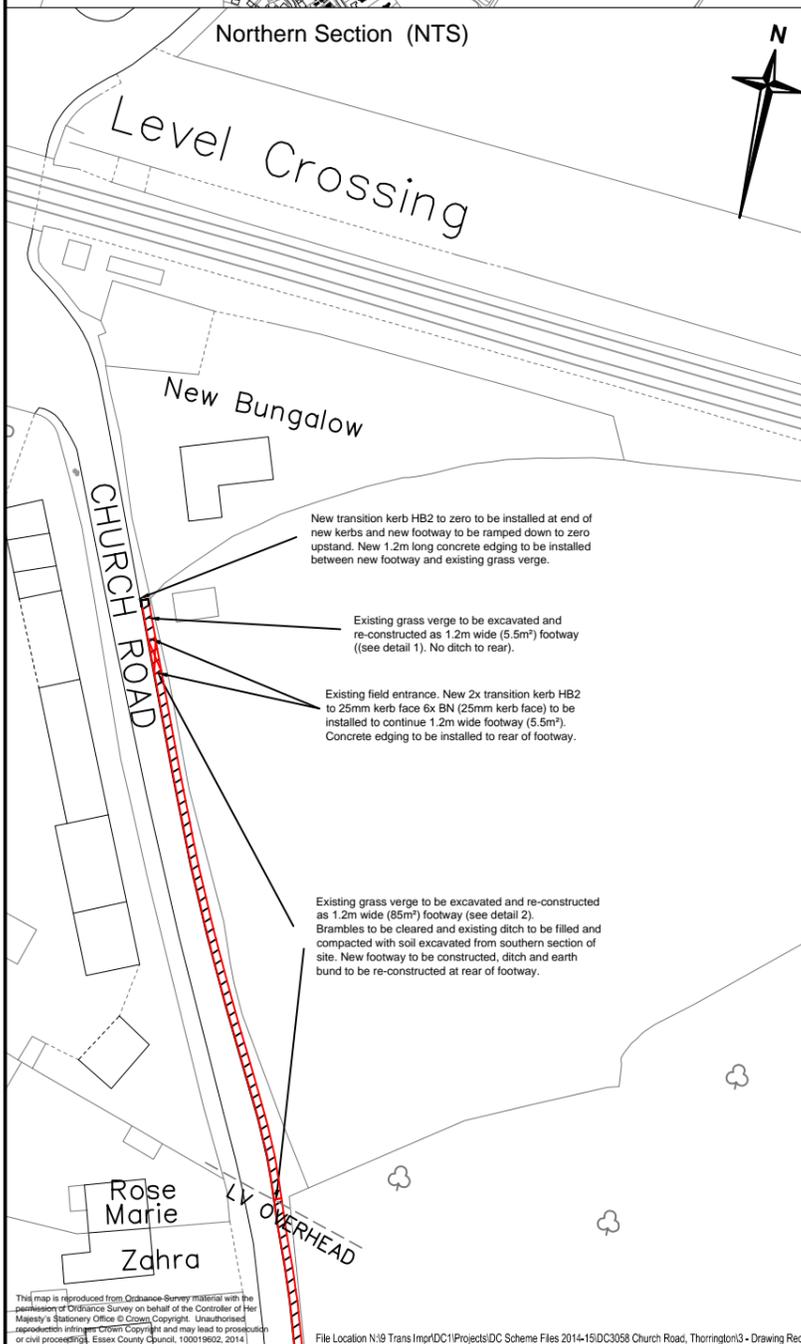
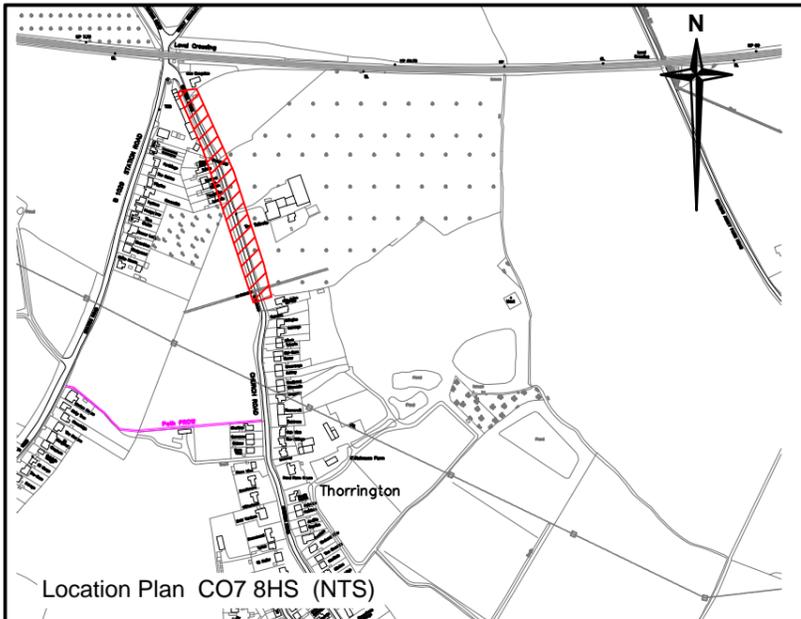
DRAWING TITLE

**CASUALTY REDUCTION SITE
GENERAL ARRANGEMENT**

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
PJN	PJN	IHJ	PJN	NF
DATE	DATE	DATE	DATE	DATE
FEB 16	FEB 16	FEB 16	FEB 16	FEB 16

DRAWING UNITS U.N.O. SCALE AT A1 (841X594mm)
DIMENSIONS IN MILLIMETRES LEVELS IN METRES 1:200

DRAWING No.	REV.
HI4308-01-001	-



Notes

- Do not scale. This drawing is to be read in conjunction with all other contract drawings and documents.
- All works to be in accordance with the Department for Transport's Specification for Highway Works and Essex County Council Specifications and Standard Construction Drawings.
- All traffic signs and road markings are to comply with The Traffic Signs Regulations and General Directions 2002.
- ROAD CLOSURE** required to complete the works.
- Consultation with Network Rail** required due to proximity to existing rail crossing.
- Min 5m carriageway width and 1.2m footway to be constructed.

Materials

HB2 kerbs = 260m
 BN kerbs = 5.5m
 BN 1m Radius = 5m
 Transition kerbs (HB2 to BN) = x5
 250mm concrete edging kerbs (EF250) = 280m
 6mm DBM footway surface (inc CW patch) = 392m²
 20mm DBM footway binder = 26m²
 Type 1 GSB = 48.6m²
 Terram T1000 = 324m²

REV.	DATE	AMENDMENT DESCRIPTION	DRAWN	CHECKED

DRAWING STATUS: **DRAFT**

Essex Highways

Ringway Jacobs working in partnership with **Essex County Council**

Mark Rowe, Service Director, Essex Highways
 County Hall, Chelmsford, CM1 1QH
 Tel: 0845 6037631 © Essex County Council

SCHEME TITLE: **Church Road, Thorrington Proposed New Footway LTEN003006**

DRAWING TITLE: **General Arrangement**

DESIGNED	DRAWN	CHECKED	REVIEWED	APPROVED
JMc	JMc	IJ	JMc	NF

DATE	DATE	DATE	DATE	DATE
Nov15	Nov15	20Nov15	23Nov15	23Nov15

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

SCALE AT A1: **NTS**

DRAWING No. **DC1-3058-12-001** REV: **-**