

Castle Point Local Highway Panel Meeting Agenda

Date: Wednesday 24th Sep 2014
 Time 15:00 hrs
 Venue: Committee Room 1, Castle Point Council Offices.

Chairman Cllr Ray Howard

Panel Members ECC Member Dave Blackwell, ECC Member Jill Reeves, ECC Member Alan Bayley, ECC Member Jamie Huntman, CPBC Member Bill Dick, CPBC Member Simon Hart, CPBC Member Tom Skipp, CPBC Member Steven Cole, CPBC Member Martin Tucker

Other Attendees ECC Highways Officer Will Price Highway Liaison Officer
 ECC Officer Beverley Gould Principal Strategy & Engagement Officer
 CPRP Officer Mark Evershed – Regeneration Delivery Manager
 CPBC Officer Trudie Bragg - Head of Environment
 CPBC Officer Stuart Jarvis – Contracts Manager
 CPBC Officer Cheryl Salmon- Civic Governance Officer

Page no	Item	Lead:	Papers:
	1. Welcome and Introductions	Chairman	Verbal
	2. Declarations of Interest	Chairman	Verbal
	3. Minutes of Meeting held on 22nd July 2014 and Matters Arising	Chairman	Verbal
1	4. Update on capital and revenue schemes approved <ul style="list-style-type: none"> o Update on capital and revenue schemes approved for 2013-2014 and 2014-15 	WP	Report 1
10	5. Potential Scheme List <ul style="list-style-type: none"> o Arrangements for new scheme requests o Summary of schemes requested for consideration in 2015-16 	WP	Report 2
	6. Any Other Business	Chairman	Verbal
	7. Dates of next meeting: TBC	Chairman	Verbal

CASTLE POINT BOROUGH COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL –24th September 2014 REPORT 1 – UPDATE ON SCHEMES APPROVED (CAPITAL AND REVENUE)

Capital expenditure

All of the schemes for which funding was approved in the 2012-13 financial year have now either been completed or construction has commenced.

2013-14 FINANCIAL YEAR

The table below details the schemes which the panel had recommended for progression in the 2013-14 financial year:

	SCHEME	Funds approved	Current Cost estimate	Estimated completion date	UPDATE
J U N E	MANOR ROAD INDUSTRIAL ESTATE SIGNAGE – amendments to existing signage	£3100	£5000	Oct 2014	The design for this scheme will be combined with another scheme in the vicinity with both schemes being delivered in 2014-15.
J U N E	KENTS HILL SCHOOL - Extension of existing railings	£5,100	£5,100	COMPLETED	

J U N E	BURLINGTON GARDENS – installation of no through road signage	£1,600	£1,600	COMPLETED	Completed in March 2014
J U N E	DOWNESWAY – hardening of verges where vehicles have been parking and churning up the surface	£5,000	£5,000	COMPLETED	Completed in March 2014
J U N E	LEIGH BECK INFANT SCHOOL, CANVEY - school crossing patrol scheme to install a pedestrian drop kerb and bollards to deter parking	£4,130	£5,000	COMPLETED	
J U N E	HADLEIGH INFANT SCHOOL, RECTORY ROAD - feasibility study	£3,000	£3,000	COMPLETED	feasibility study completed
J U N E	KINGSTON PRIMARY SCHOOL, CHURCH ROAD BENFLEET – School route improvements	£4,000	£7,000	COMPLETED	
S E P T	NEWLANDS ROAD, CANVEY ISLAND – verge improvements to deter vehicles from using this as a turning point	£30,000	£30,000	COMPLETED	Completed in February 2014
S E P T	ROBERT DRAKE PRIMARY SCHOOL, CHURCH ROAD, THUNDERSLEY – school route improvements	£10,000	£10,000	COMPLETED	Scheme completed in March 2014.
S E P T	NORTHWICK PARK, LINK ROAD, CANVEY ISLAND – amendments to school crossing patrol signage	£300	£750	COMPLETED	Completed in April 2014

S E P T	BENFLEET STATION CYCLE FACILITIES – Installation of large storage facility in the vicinity of the train station.	£30,000	£30,000	COMPLETED	
S E P T	CRAVEN AVENUE, CANVEY ISLAND – Design works for a 20mph speed limit	£4,000	£4,000	Oct 2014	
S E P T	ESSEX WAY JUNCTION WITH BENFLEET ROAD – Casualty Reduction Scheme	£24,000	£24,000	COMPLETED	
S E P T	KILN ROAD JUNCTION WITH RUNNYMEDE CLOSE – Casualty Reduction Scheme	£17,500	£17,500	COMPLETED	
S E P T	KENTS HILL ROAD – Extension of 20mph speed limit	£2,000	£2,000	Oct 2014	Design Only – Please see 2014-15 for delivery.
S E P T	FOKSVILLE ROAD JUNCTION WITH FURTHERWICK ROAD – Casualty Reduction Scheme	£9,000	£9,000	May 2015	
J A N	BUS STOP 41029112 JASMINE CLOSE, CANVEY ISLAND - New bus route, ECC standard in frastructure pole/flag/timetable required	£750	£750	COMPLETED	
J A N	BUS STOP 41029113, THAMES ROAD, CANVEY ISLAND - New bus route, ECC standard in frastructure pole/flag/timetable required	£750	£750	COMPLETED	

J A N	BUS STOP 410291Y3, CANVEY ISLAND - New bus route, ECC standard in frastructure pole/flag/timetable required	£750	£750	COMPLETED	
J A N	CANVEY BOAT YARD, CANVEY ROAD - Reinstatement of earth bund - Parking encroachment	£1,000	£1,000	TBC	

2014-15 FINANCIAL YEAR

The schemes below have been recommended for progression by the Castle Point panel members in this financial year. Members are reminded that schemes are delivered in the order in which they have been approved so newer schemes are unlikely to be delivered this year.

	SCHEME	Funds approved	Current Cost estimate	Estimated completion date	UPDATE
A P R I L	DISTRICT WIDE REPLACEMENT OF WIG WAGS - School Crossing Patrol team scheme to undertake the wholesale replacement of the units which are now obsolete	£21,000	£21,000	2014-15 delivery	
A P R I L	SUMMERLANDS CANVEY ISLAND - Completion of parking restriction scheme to install junction protection markings	£1,500	£1,500	March 2015	

A P R I L	RAYLEIGH WEIR CASUALTY REDUCTION SCHEME – Reversal of the lining scheme implemented in 2013 which has not had the desired effect of improving safety awareness	£5,000	£5,000	COMPLETED	
A P R I L	LINK ROAD, CANVEY ISLAND – Bus stop improvement to aid embarkment for vulnerable passengers	£7,500	£7,500	2014-15 delivery	Concerns were raised by the panel members at the April meeting about a buildout potentially causing a congestion problem with traffic stuck behind the bus. This design has now been amended following a site visit with ECC Engineer Adrian Summons and Chairman Councillor Howard.
A P R I L	CLIFTON AVENUE JUNCTION WITH HIGH ROAD – Casualty reduction scheme to realign the junction to improve visibility	£28,000	£28,000	April 2015	Scheme to be tied in with footway resurfacing works
J U N E	District Wide – Feasibility Study into cycling facilities across Castle Point	£10,000	£10,000	TBC	
J U N E	Essex Way, Benfleet – Feasibility study into possible cycle lane	£3,500	£3,500	TBC	
J U N E	Waterside Farm to Sadlers Roundabout – Feasibility study into possible cycle lane	£3,500	£3,500	TBC	
J U N E	Benfleet – Phase 1, wholesale bus improvements	£81,906	£81,906	March 2015	

J U N E	Canvey – Phase 2, wholesale bus improvements	£50,169	£50,169	March 2015	
J U N E	A127 Junction with St Michaels Road – Adjustment of signage to improve visibility for traffic on A127	£15,000	£15,000	March 2015	Site visit held with Panel Members and local resident Mr Papworth. Works now also to include a reflective street name plate. One weight restriction sign to be rotated 45 degrees.
J U N E	District Wide – 5 x Mobile VAS signs	£40,000	£40,000	2014-15 delivery	
J U N E	Thorney Bay Road junction with Craven Avenue, Canvey – Junction Improvements to deal with vehicles leaving the road on the bend.	£25,000	£25,000	Dec 2015	Scope of scheme still being finalised. Full details to be provided in due course.
J U N E	Craven Avenue junction with Long Road, Canvey – Feasibility study into re-aligning the junction	£5,000	£5,000	TBC	
J U N E	Roscommon Way, Canvey – Feasibility Study to reduce speeding and anti-social driving	£3,000	£3,000	March 2015	
J U N E	St Johns Road, Benfleet – Implementation of 20mph zone	£10,000	£10,000	June 2015	
J U N E	Kents Hill Road, Benfleet – Extension of 20mph zone to reduce speed in advance of sharp bend and Holy Family School.	£5,000	£5,000	March 2015	

J U N E	Roscommon Way, Canvey – HGV signing scheme	£35,000	£35,000	TBC	
J U N E	Furtherwick Road – Relocation of Disabled and Taxi Bays	£5,000	£5,000	TBC	
J U N E	Bilton Road, Benfleet – Design of ditch/headwall improvements to prevent flooding to highway and private property	£3,000	£3,000	Oct 2014	
J U L Y	Bilton Road, Benfleet – Implementation of ditch/headwall improvements to prevent flooding to highway and private property	£26,000	£26,000	Dec 2014	
J U L Y	District Wide - Design of road safety schemes in Castle Point identified in 2015-16 cluster run	£20,000	£20,000	Ongoing	
J U L Y	Hadleigh Bus Lane - Removal of bus lane and replacement with a general traffic lane	£37,500	£37,500	April 2015	
J U L Y	Bread and Cheese Hill, Benfleet - Remove bus lane and return the carriageway to two single running lanes.	£27,500	£27,500	April 2015	
J U L Y	Hadleigh Junior School, Church Road - Extend double yellow lines and create build-out to improve visibility of/for pedestrians	£8,500	£8,500	April 2015	
J U L Y	St Michaels Rd on approach to Bramble Road, Hadleigh - Improve signage and add further SLOW markings	£5,000	£5,000	April 2015	

Revenue expenditure 2014-15

The following schemes have been approved for funding from the revenue money for the 2014/15 financial year.

Location	Scheme	Estimated Cost (£)	Date Approved by Cabinet member
Essex Way, Benfleet	2 x speed surveys for assessment of a possible 50mph limit	£420	03/04/2014
Church Road, Benfleet	2 x speed surveys in the vicinity of the traffic calming outside Robert Drake School	£420	03/04/2014
Mitchells Avenue, Canvey	PV ² assessment between Gains Close and Smallgains Ave junctions for possible zebra crossing	£890	03/06/2014
Clifton Avenue, Canvey	2 x speed surveys to assess current mean speeds	£420	03/06/2014
Rayleigh Road, Hadleigh	Maintenance of large roundabout not covered by Essex Highways agreement and of too large a scale for rangers	£2,000	03/06/2014
Chapel Lane, Hadleigh	2 x Speed Survey to analyse driver behaviour.	£420	23/07/2014
Furtherwick Road junction with Ash Road	Speed Survey to analyse driver behaviour.	£210	23/07/2014
Poors Lane, Hadleigh	Speed Survey to analyse driver behaviour.	£210	23/07/2014

Shepherds Walk, Hadleigh	Speed Survey to analyse driver behaviour.	£210	23/07/2014
Scrub Lane, Hadleigh	Speed Survey to analyse driver behaviour.	£210	23/07/2014
District Wide	Allocation of money to allow speed surveys requested by Panel Members between meetings and/or after budget reallocation.	£1,260	23/07/2014
Daws Heath Road junction with Western Road, Canvey	Survey to assess the suitability for a mini roundabout at this junction.	£650	23/07/2014
Link Road Canvey, between junctions with Dinant Ave and Third Ave	Speed survey	£210	23/07/2014
Cedar Road junction with West Crescent, Canvey	Speed survey	£210	23/07/2014
District Wide	Addition of third ranger to enable more thorough, quick and extensive completion of ranger tasks	£20,000	23/07/2014
Daws Heath Road junction with Poors Road and Rectory Lane	Speed survey	Taken from £1260 District Wide Allocation	23/07/2014

CASTLE POINT BOROUGH COUNCIL WITH ESSEX COUNTY COUNCIL LOCAL HIGHWAY PANEL –24th September 2014 REPORT 2 – POTENTIAL SCHEMES

The schemes below are for Panel Members reference and consideration in advance of **the 2015-16 programme**.

Please note that all schemes at this stage are awaiting validation, final design, or feasibility studies, so are subject to change in terms of scheme definition and costs.

Casualty Reduction Schemes					
LOCATION	SCHEME	PROBLEM	COST	RAG	NOTES/ COMMENTS
1	Eastern Esplanade/ Furtherwick Road	Collision Site	£6,500		See Appendix 1 for Casualty Reduction Report

2	Seaview Road junction with High Street	<ol style="list-style-type: none"> 1) Install yellow backed mini roundabout and give way signs adjacent to the give way markings on the eastbound High Street approach to the mini roundabout. 2) Replace the existing mini roundabout sign for westbound High Street traffic with a yellow backed version to increase its conspicuity. Also review its positioning to see if can be made more visible. 3) Investigate whether the mini roundabout can have a dome added to make it more visible to approaching motorists – consideration may need to be given to noise impact and impact on bus service. 4) Investigate whether the existing bus shelter can be replaced with a type that doesn't have sides so that the visibility from Seaview Road is improved. 5) Add a 20 mph roundel on the carriageway at the existing eastbound 	Collision Site	£24,000		See Appendix 2 for Casualty Reduction Report
---	--	---	----------------	---------	--	--

		<p>gateway into the 20mph zone.</p> <p>6) Renew all existing carriageway markings throughout the junction and on the approaches to the mini roundabout.</p>				
3	Thundersley Park Road junction with High Road, Benfleet	<p>1) Review locations of existing school warning signs to see if a suitable location can be found to locate a new yellow backed junction warning sign. Add slow marking on road next to sign.</p> <p>2) Review the need for the existing guard railing located along the footway on the north eastern kerblin between Constitution Hill and Thundersley Park Road to see if it still required.</p> <p>3) Check skid resistance of road surface on High Road approach to the junction to ensure it meets requirements.</p>	Collision Site	£19,000		See Appendix 3 for Casualty Reduction Report

In addition, the below concerns/scheme requests have been received and passed to the validating engineer for their recommendations:

Location	Description
Lidl London Road, Hadleigh	Cars turning right when exiting Lidl causing safety concerns.
Robert Drake raised junction, Church Road, Benfleet	Vibrations caused by raised junction, and concerns over road safety and aesthetics.
Hart Road junction with Dark Lane, Hadleigh	Request for advanced warning of crossing and school, alongside measures to discourage inconsiderate parking.
Daws Heath Road junction with Rectory Road and Poors Lane	Request to improve safety for pedestrians and drivers.

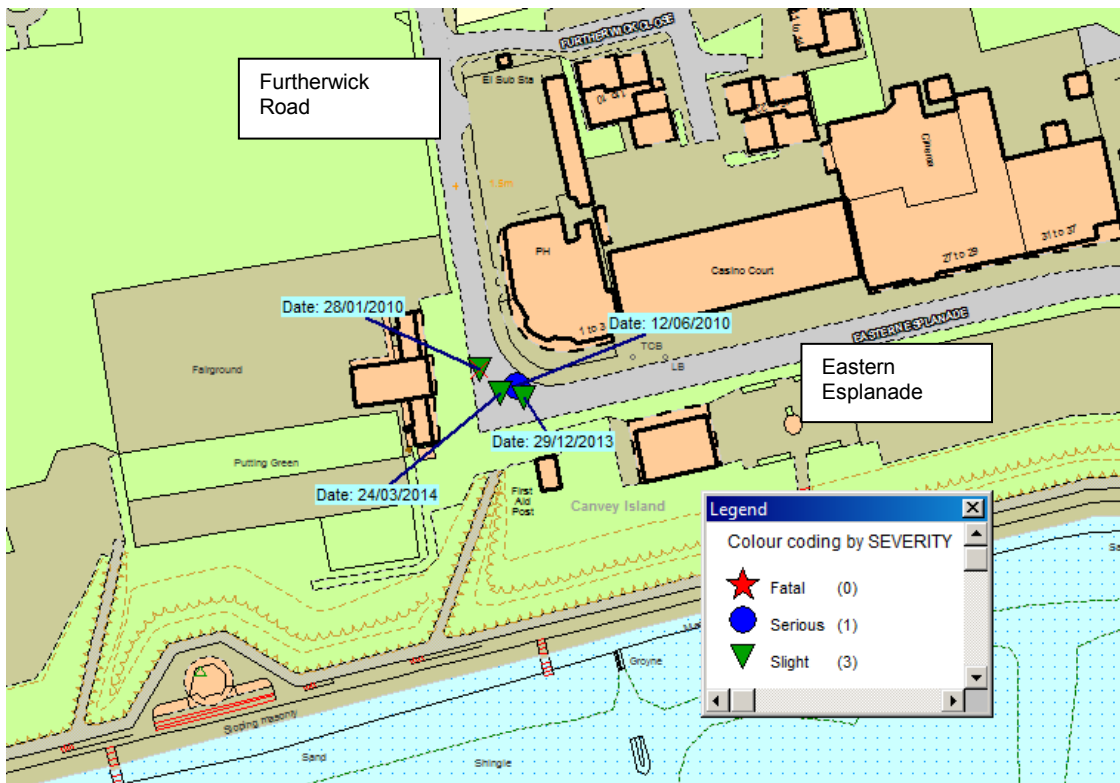
Appendix 1

Site Report Essex Highways Casualty Reduction Site
Report 2015/16



Location: Eastern Esplanade/Furtherwick Road, Canvey Island
District: Castle Point
Collision Investigation Period: 01/05/2009 – 30/04/2014

1.0 Site Plan with Collision Plot



2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	Eastern Esplanade/Furtherwick Road junction
Speed Limit	30mph
Street Lit	Yes
Carriageway type	Two way single carriageway
Gradient	The road is flat throughout the site with a sharp right angled bend where the two roads join adjacent to the Amusements.
Traffic Management	There are parking restrictions in this area.
Road Surface	The road surface along the site appeared to be in good condition.
Signing	There are no road signs present in this area.
Road Markings	Road markings (centre lining and slow markings) were faded and require renewal.
Visibility	There is relatively good forward visibility of the right angled bend for road

	users travelling in both directions.
Vegetation	There were no vegetation issues at the site.
Other	

3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	4 (1 serious 3 slight)
Total no. of Casualties	4 (1 serious 3 slight)
Number of collisions in hours of darkness	0 (0%)
Number of collisions in wet/damp conditions	1 frost/ice (25%)
Collisions involving vulnerable road users	1 motorcyclist (25%)

Identified Collision Pattern(s)	No of Collisions
Loss of control on left hand bend	2 (50%)
Loss of control on right hand bend	2 (50%)

4.0 Site Photographs

<p>Image 1 – View looking southwards on Furtherwick Road</p>	<p>Image 2 – View looking westwards on Eastern Esplanade</p>
<p>Image 3 – View looking westwards on Eastern Esplanade</p>	

Eastern Esplanade near bend	
-----------------------------	--

5.0 Recommendations

Remedial Measures

- 1) Install bend warning signs (unlit) on both approaches to the bend.
- 2) Install new SLOW marking adjacent to the new westbound bend warning sign.
- 3) Renew the existing centre lines and southbound slow markings.
- 4) Install a new edge of carriageway marking along the front of the lay-by located at the bend.

6.0 Estimated Costs

Estimated Construction Costs	£4,000
Survey Design and project management	£2,500
Total	£6,500

7.0 Scheme Approval

Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	08/09/2014

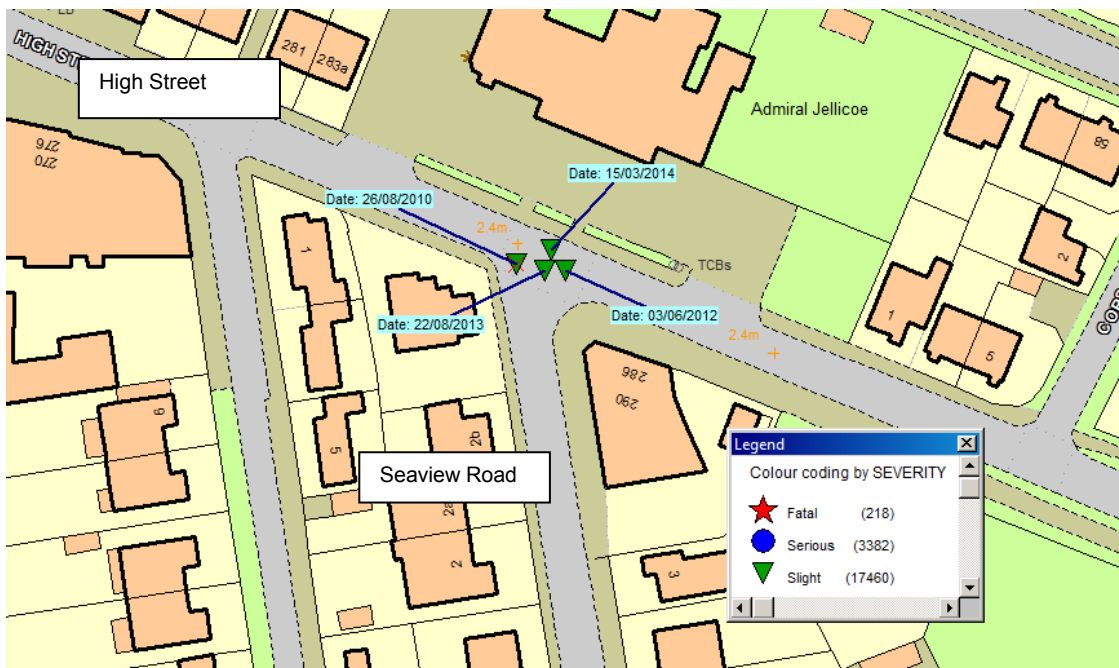
Appendix 2

Site Report Essex Highways Casualty Reduction Site
Report 2015/16



Location: Seaview Road j/w High Street, Canvey Island
District: Castle Point
Collision Investigation Period: 01/05/2009 – 30/04/2014

1.0 Site Plan with Collision Plot



2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	High Street/Seaview Road junction
Speed Limit	20mph
Street Lit	Yes
Carriageway type	Two way single carriageway
Gradient	The road is flat throughout the site.
Traffic Management	The T junction is controlled by a mini roundabout.
Road Surface	The road surface along the site appeared to be in good condition.
Signing	There are mini roundabout signs present at the roundabout for northbound and westbound traffic but no sign for eastbound traffic (see Photos below).
Road Markings	Road markings throughout the junction were faded and require renewal.
Visibility	There is relatively good forward visibility of the mini roundabout from all directions, however due to the inconspicuous/missing signs and faded road markings it may not be clear to drivers that the junction is controlled by a mini roundabout rather than a standard T junction. The roundabout marking is flat as there is no dome and is not very visible to approaching motorists.

Vegetation	There were no vegetation issues at the site.
Other	There is a bus shelter located on the south eastern side of the High Street which has an advertising panel on its side, it was felt that this partially restricts the visibility for traffic exiting Seaview Road of approaching westbound vehicles.

3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	4 (all slight)
Total no. of Casualties	6 (all slight)
Number of collisions in hours of darkness	0 (0%)
Number of collisions in wet/damp conditions	1 wet/damp (25%)
Collisions involving vulnerable road users	1 pedal cyclist (25%)


Identified Collision Pattern(s)	No of Collisions
Failures to give way at mini roundabout (2 from Seaview Road; 2 from High Street (one eastbound & one westbound))	4 (100%)

4.0 Site Photographs



Image 1 – View looking northwards towards mini rbt on Seaview Road

Image 2 – View looking westwards towards mini rbt on High Street

Image 3 – View looking eastwards prior to start of 20mph zone and mini rbt on High Street	Image 4 – View looking eastwards prior to mini rbt on High Street
	
Image 5 – View looking eastwards when exiting Seaview Road	

5.0 Recommendations

Remedial Measures
<ol style="list-style-type: none"> 1) Install yellow backed mini roundabout and give way signs adjacent to the give way markings on the eastbound High Street approach to the mini roundabout. 2) Replace the existing mini roundabout sign for westbound High Street traffic with a yellow backed version to increase its conspicuity. Also review its positioning to see if can be made more visible. 3) Investigate whether the mini roundabout can have a dome added to make it more visible to approaching motorists – consideration may need to be given to noise impact and impact on bus service. 4) Investigate whether the existing bus shelter can be replaced with a type that doesn't have sides so that the visibility from Seaview Road is improved. 5) Add a 20 mph roundel on the carriageway at the existing eastbound gateway into the 20mph zone. 6) Renew all existing carriageway markings throughout the junction and on the approaches to the mini roundabout.

6.0 Estimated Costs

Estimated Construction Costs	£20,000
Survey Design and project management	£4,000
Total	£24,000

7.0 Scheme Approval

Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	08/09/2014

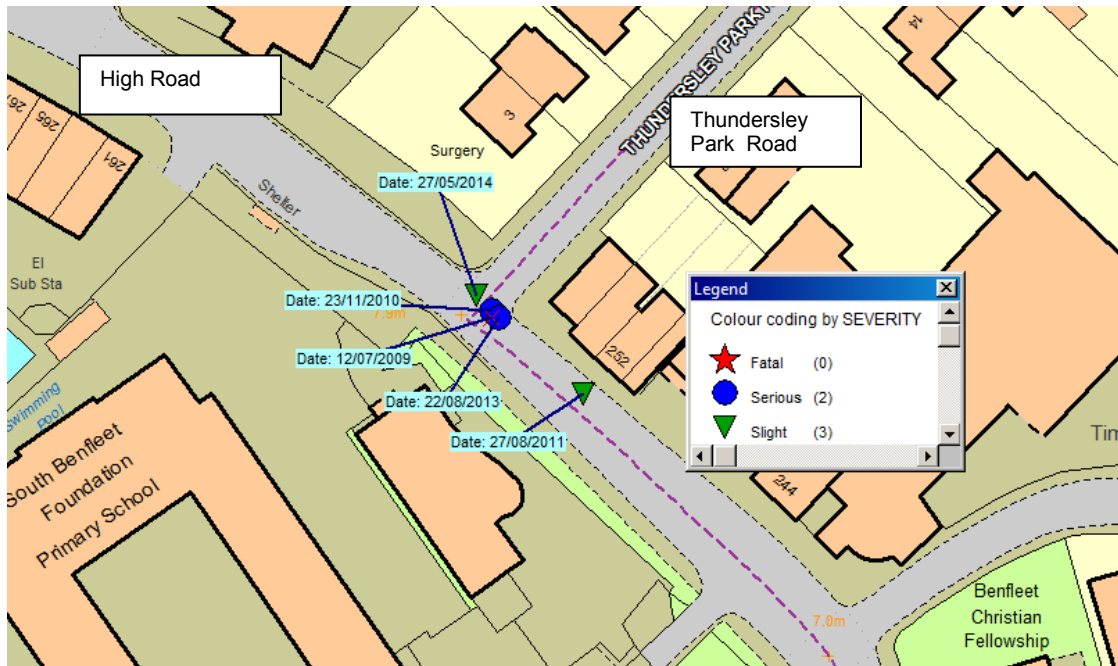
Appendix 3

Site Report Essex Highways Casualty Reduction Site
Report 2015/16



Location: Thundersley Park Road j/w High Road, Benfleet
District: Castle Point
Collision Investigation Period: 01/05/2009 – 30/04/2014

1.0 Site Plan with Collision Plot



2.0 Site Description & Observations

Details	Description/Observations
Road Name (s)	High Road/Thundersley Park Road junction
Speed Limit	30mph
Street Lit	Yes
Carriageway type	Two way single carriageway
Gradient	High Road runs downhill south-eastwards past the junction with Thundersley Park Road. Thundersley Park Road slopes downhill as you approach the junction with High Road.
Traffic Management	The junction is a standard T junction.
Road Surface	The road surface along High Road appeared to be in good condition although the anti-skid surfacing for the pedestrian crossing appeared to be showing signs of wear. Thundersley Park Road has recently been resurfaced.
Signing	There is no junction warning sign on High Road of the nearside junction ahead. There appears to be two school warning signs located prior to the junction (see Photos below).
Road Markings	Road markings in Thundersley Park Road have recently been renewed. Markings on High Road are partly faded but visible.
Visibility	Due to the road gradient, the visibility of traffic waiting to exit Thundersley

	Park Road is partially restricted for traffic travelling south-eastwards on High Road.
Vegetation	There were no vegetation issues at the site.
Other	The footway in front of the library is contained by guardrailing. Whilst the guardrailing is the type to allow visibility through it; it still affects the inter-visibility between traffic at the junction and on the main road.

3.0 Personal Injury Collision Analysis

Collision details	Number
Total no. of Collisions	5 (2 serious, 3 slight)
Total no. of Casualties	7 (2 serious, 5 slight)
Number of collisions in hours of darkness	2 (40%)
Number of collisions in wet/damp conditions	3 wet/damp (60%)
Collisions involving vulnerable road users	3 (1 pedal cyclist and 2 motorcyclists) (60%)

Identified Collision Pattern(s)	No of Collisions
Failures to give way by traffic exiting Thundersley Park Road hitting vehicles travelling south eastbound along High Road	4 (80%)

4.0 Site Photographs

	
<p>Image 1 – View looking north-westwards when exiting Thundersley Park Road</p>	<p>Image 2 – View looking south-eastwards when exiting Thundersley Park Road</p>



Image 3 – View looking south-westwards on High Road travelling towards Thundersley Park Road

5.0 Recommendations

Remedial Measures

- 1) Review locations of existing school warning signs to see if a suitable location can be found to locate a new yellow backed junction warning sign. Add slow marking on road next to sign.
- 2) Review the need for the existing guard railing located along the footway on the north eastern kerbline between Constitution Hill and Thundersley Park Road to see if it still required.
- 3) Check skid resistance of road surface on High Road approach to the junction to ensure it meets the necessary requirements.

6.0 Estimated Costs

Estimated Construction Costs	£15,000
Survey Design and project management	£4,000
Total	£19,000

7.0 Scheme Approval

Safety Engineering Team:	Tel No.	Date
Senior Safety Engineer: Jenny Hill	01245 342902	08/09/2014