

Appendix A: List of CRSTS Casualty Prevention projects for 2023/24

Ref	Location	Issues	Proposals	Recommendations for the Chief Officer
Delivery 2023/24				
Lengths & Sites for concern schemes				
1	Chapelton Road (Barrack Rd to Harehills Lane)	<ul style="list-style-type: none"> • 32 injury collisions • Side road emerging conflicts into traffic • Turning conflicts across oncoming traffic • Cyclist collisions 	<ul style="list-style-type: none"> • Design and implement works to alter existing junctions, provide a cycle track inbound and outbound and other alterations to the road layout to address collisions • Advertisement of a traffic regulation order to create point closures and one way entries at junctions along Chapelton Road 	<ul style="list-style-type: none"> • Give authority to incur expenditure of £740,000 comprising £660,000 works and £80,000 staff to design and implement works to alter the road layout at the junction • Give authority to advertise a traffic regulation order to introduce one way traffic flows, point closures and waiting restrictions and subject to no objections being received to make and seal the orders as advertised. • Note that the cycle tracks will be delivered under Sections 65 and 66 of the Highways Act 1980 and do not require a cycle track order.
2	Regent Street	<ul style="list-style-type: none"> • Cluster site analysis has identified 3 separate sites along Regent Street • These sites are to be considered as a complete length • 8 serious and 25 slight collisions with cyclist collisions forming a large proportion. 	<ul style="list-style-type: none"> • To design and implement works to address recorded injury collisions • To incur expenditure of £1,032,000 comprising £820,000 works costs, £10,000 legal fees and £202,000 staff costs. 	<ul style="list-style-type: none"> • Give authority to incur expenditure of £1,032,000 comprising £820,000 works costs, £10,000 legal fees and £202,000 staff costs to design and implement works to address recorded injury collisions • Give authority to advertise traffic regulation orders as necessary to support the proposed works, and if no objections are received to make and seal the orders as advertised.

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3	Harehills Road	<ul style="list-style-type: none"> To complete an ongoing project to address the number 1 Length for Concern in Leeds 	<ul style="list-style-type: none"> To design and implement works to address recorded injury collisions as detailed in a previous report to the Chief Officer To incur expenditure of £220,000 works costs 	<ul style="list-style-type: none"> Give authority to incur expenditure of £220,000 as noted in the previously approved report on this subject
4	Meanwood centre casualty reduction package	<ul style="list-style-type: none"> 5 collisions (2 serious and 3 slight) Pedestrian casualties and severance issues Existing layout does not preclude high traffic speeds Two priority junctions in proximity create turning difficulties 	<ul style="list-style-type: none"> To design and implement works to improve road safety and complement the proposed Local Centres Programme scheme. £202k casualty reduction funding to complement £600k of other monies Combination of reactive and preventative Vision Zero approach to collision reduction. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £202,000 works costs to implement works to alter the road layout at the junction Give authority to advertise a traffic regulation order to prohibit turning movements as necessary, and subject to no objections being received to make and seal the orders as advertised.
5	M1 – J47 Aberford Road	<ul style="list-style-type: none"> 3 serious and 4 slight collisions at junction with M1. Links to sliproad widening works carried out by National Highways. 	<ul style="list-style-type: none"> Scheme completed in 2022/23 	<ul style="list-style-type: none"> Note costs of £92,000 met from year 1 of CRSTS
Average Speed Camera Locations				
6-8	A6120 Ring Road (Horsforth to Dawson's Corner) A6120 Stanningley Bypass A647 Bradford Road	<ul style="list-style-type: none"> Totals of 5 fatalities, 25 serious and 71 slight collisions, many associated with excessive speed Lengths meet the West Yorkshire Camera Partnership criteria for average speed cameras 	<ul style="list-style-type: none"> Delivery of a coherent average speed camera system covering these continuous lengths of road Project supported by Leeds West Levelling Up Fund project. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £250,000
9	Dewsbury Road (Rein Road to Shaw Cross). Collaborative Leeds/ Kirklees safety project.	<ul style="list-style-type: none"> 1 fatality, 9 serious and 15 slight collisions Length meets the West Yorkshire Camera Partnership criteria for average speed cameras 	<ul style="list-style-type: none"> Delivery of an average speed camera system 	<ul style="list-style-type: none"> Give authority to incur expenditure of £125,000

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	Mobile Camera Hardstanding Locations			
10 - 12	A63 Selby Road East Leeds Orbital Road Harewood Road	<ul style="list-style-type: none"> Lengths meet West Yorkshire Camera Partnership criteria for average speed cameras or community enforcement 	<ul style="list-style-type: none"> Construction of hardstandings to facilitate mobile speed camera enforcement or community speed enforcement 	<ul style="list-style-type: none"> Give authority to incur expenditure of £35,000
	Fixed Speed Camera Locations			
13 - 15	Stanningley Road A63 Selby Road A58 Wetherby Road (Scarcroft)	<ul style="list-style-type: none"> Totals of 4 fatalities, 10 serious and 26 slight collisions Lengths meet West Yorkshire Camera Partnership criteria for fixed speed cameras. 	<ul style="list-style-type: none"> Installation of fixed speed cameras and associated signage and road markings 	<ul style="list-style-type: none"> Give authority to incur expenditure of £115,000
	Red Light Violation Camera Locations			
16 - 17	Roundhay Road /Harehills Lane M62/A653 Dewsbury Road (Tingley Roundabout)	<ul style="list-style-type: none"> Totals of 3 serious and 11 slight collisions, primarily related to red light violations Sites meet West Yorkshire Camera Partnership criteria for red light violation cameras 	<ul style="list-style-type: none"> Installation of red light violation cameras and associated signage. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £70,000
	In depth collision review and feasibility studies for potential 2024/5 road safety projects			
18 - 27	Sheepscar/North street Top Moor Side/Cemetery Road Burley Road Nippet Lane Cardigan Road	<ul style="list-style-type: none"> Sites identified through Sites for Concern, Lengths for Concern and cluster analyses 	<ul style="list-style-type: none"> To undertake feasibility studies to determine what engineering interventions would address casualty patterns for future programme years. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £65,000 design fees.

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	Tong Road Leeds & Bradford Road Easterly Road Street Lane/Harrogate Road Roundhay Road/Bayswater Road			
	Cluster site locations projects			
28	Galloway Lane Pedestrian guardrail	<ul style="list-style-type: none"> Site identified through cluster site analysis – 4 slight pedestrian collisions 	<ul style="list-style-type: none"> Provision of additional pedestrian guardrail 	<ul style="list-style-type: none"> Give authority to incur expenditure of £10,000
29	Albion Street/Wormald Row	<ul style="list-style-type: none"> Site identified through cluster site analysis – 1 serious and 3 slight pedestrian collisions 	<ul style="list-style-type: none"> Junction alteration to reduce crossing distances and prevent u-turns in the junction mouth 	<ul style="list-style-type: none"> Give authority to incur expenditure of £25,000
30	Beeston Road/Malvern Road	<ul style="list-style-type: none"> Site identified through cluster site analysis – 2 serious and 5 slight collisions 	<ul style="list-style-type: none"> Provide raised junction plateau to control traffic speeds and prioritise pedestrian crossing movements. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £60,000 Give authority to advertise notices under Section 90C of the Highways Act 1980, noting that objections will be brought to the Chief Officer for consideration.
31	Carr Lane/Wetherby Road	<ul style="list-style-type: none"> Site identified through cluster site analysis – 3 serious and 4 slight collisions 	<ul style="list-style-type: none"> Introduce one way traffic plug at the junction to prevent overshoot collisions 	<ul style="list-style-type: none"> Give authority to incur expenditure of £50,000 Give authority to advertise a one way traffic regulation order and if no objections are received to make and seal the Order as advertised

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32	Kirkstall Road/Woodside View	<ul style="list-style-type: none"> Site identified through cluster site analysis – 2 serious and 6 slight collisions 	<ul style="list-style-type: none"> Provide coloured surfacing to highlight cycle tracks at junctions. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £25,000
33	M621/Hunslet Distributor	<ul style="list-style-type: none"> Site identified through cluster site analysis – 8 slight pedestrian collisions 	<ul style="list-style-type: none"> Consider a red light violation camera in conjunction with the West Yorkshire Camera Partnership. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £40,000
Rural 50mph speed limits:				
34 - 39	A659 Harewood Avenue A61 Harrogate Road Wakefield Road Otley Road/Arthington Lane A63 Selby Road Ridge Road	<ul style="list-style-type: none"> Sites identified through collision analysis, totalling 6 fatalities, 26 serious and 83 slight. High speed is a contributory factor in many of these collisions. 	<ul style="list-style-type: none"> Introduce 50mph speed limit on sections of unrestricted national speed limit single carriageway rural roads. Introduce supporting signing, gateway features and hard standings for enforcement 	<ul style="list-style-type: none"> Give authority to incur expenditure of £120,000 Give authority to advertise 50mph speed limit orders on the listed roads and if no objections are received to make and seal the orders as advertised
Targetted Influencing Travel Behaviour training/education.				
40	Stainbeck Road area and local schools	<ul style="list-style-type: none"> Child casualties in the vicinity of primary and secondary schools 	<ul style="list-style-type: none"> Targetted ITB training aimed at addressing child casualties 	<ul style="list-style-type: none"> Give authority to incur expenditure of £10,000
41	Belle Isle Road area and local schools	<ul style="list-style-type: none"> Child casualties in the vicinity of primary and secondary schools 	<ul style="list-style-type: none"> Targetted ITB training aimed at addressing child casualties 	<ul style="list-style-type: none"> Give authority to incur expenditure of £10,000

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Further development and implementation of 20mph speed limit to City centre and district centres.				
42	City Centre 20mph Zone	<ul style="list-style-type: none"> Extension of the existing city centre 20mph zone to the Inner Ring Road/M621 boundary 	<ul style="list-style-type: none"> Initial feasibility to take place with detailed design in 2024/25 	<ul style="list-style-type: none"> Note the proposal which will be subject to future approvals.
43	Meanwood District Centre 20mph Zone	<ul style="list-style-type: none"> Creation of district centre 20mph zone to reduce the number and severity of recorded injury collisions 	<ul style="list-style-type: none"> To design and consult on district 20mph zone Note that costs will be met from the Meanwood District Centre scheme Note that delivery will take place in the 2024/25 financial year 	<ul style="list-style-type: none"> Give authority to advertise a 20mph zone Speed Limit Order and if no objections are received to make and seal the Order as advertised Receive any further reports detailing objections to the advertised Order
44	Kippax District Centre 20mph Zone	<ul style="list-style-type: none"> Creation of district centre 20mph zone to reduce the number and severity of recorded injury collisions 	<ul style="list-style-type: none"> To design and consult on district 20mph zone To incur expenditure of £20,000 Note that delivery will take place in the 2024/25 financial year 	<ul style="list-style-type: none"> Give authority to advertise a 20mph zone Speed Limit Order and if no objections are received to make and seal the Order as advertised Receive any further reports detailing objections to the advertised Order Give authority to incur expenditure of £20,000 works and staff costs to implement the zone.
45	Pudsey District Centre 20mph Zone	<ul style="list-style-type: none"> Creation of district centre 20mph zone to reduce the number and severity of recorded injury collisions 	<ul style="list-style-type: none"> To design and consult on district 20mph zone To incur expenditure of £35,000 Note that delivery will take place in the 2024/25 financial year 	<ul style="list-style-type: none"> Give authority to advertise a 20mph zone Speed Limit Order and if no objections are received to make and seal the Order as advertised Receive any further reports detailing objections to the advertised Order

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				<ul style="list-style-type: none"> • Give authority to incur expenditure of £35,000 works and staff costs to implement the zone.
46	Morley District Centre 20mph Zone	<ul style="list-style-type: none"> • Creation of district centre 20mph zone to reduce the number and severity of recorded injury collisions 	<ul style="list-style-type: none"> • To design and consult on district 20mph zone • To incur expenditure of £30,000 • Note that delivery will take place in the 2024/25 financial year 	<ul style="list-style-type: none"> • Give authority to advertise a 20mph zone Speed Limit Order and if no objections are received to make and seal the Order as advertised • Receive any further reports detailing objections to the advertised Order • Give authority to incur expenditure of £30,000 works and staff costs to implement the zone.
47	Rothwell District Centre 20mph Zone	<ul style="list-style-type: none"> • Creation of district centre 20mph zone to reduce the number and severity of recorded injury collisions 	<ul style="list-style-type: none"> • To design and consult on district 20mph zone • To incur expenditure of £30,000 • Note that delivery will take place in the 2024/25 financial year 	<ul style="list-style-type: none"> • Give authority to advertise a 20mph zone Speed Limit Order and if no objections are received to make and seal the Order as advertised • Receive any further reports detailing objections to the advertised Order • Give authority to incur expenditure of £30,000 works and staff costs to implement the zone.
48	Wetherby District Centre 20mph Zone	<ul style="list-style-type: none"> • Creation of district centre 20mph zone to reduce the number and severity of recorded injury collisions 	<ul style="list-style-type: none"> • To design and consult on district 20mph zone • To incur expenditure of £17,000 • Note that delivery will take place in the 2024/25 financial year 	<ul style="list-style-type: none"> • Give authority to advertise a 20mph zone Speed Limit Order and if no objections are received to make and seal the Order as advertised • Receive any further reports detailing objections to the advertised Order

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				<ul style="list-style-type: none"> • Give authority to incur expenditure of £17,000 works and staff costs to implement the zone.
	2023/24 Pedestrian Crossing Review sites			
59 - 68	<p>Town Street, Rawdon Station Road, Scholes Old Park Road, Roundhay Church Lane, Manston Gledhow Valley Road Brownberrie Lane, Horsforth A658 Green Lane, Yeadon Spenn Lane/ Vesper Road Kirkstall Lane, Headingley Uppermoor/Victoria Road</p>	<ul style="list-style-type: none"> • Provision of formal and informal crossings as approved in Pedestrian Crossing Report. 	<ul style="list-style-type: none"> • To deliver informal and formal crossings per the 2023/24 Pedestrian Crossing Review 	<ul style="list-style-type: none"> • Note prior approval with costs to be met from CRSTS.
69	20mph zone enhancement programme			
79	<p>Green Lane/ Cross Green Lane</p>	<ul style="list-style-type: none"> • To provide traffic calming on streets within 20mph zones with identified high mean speeds 	<ul style="list-style-type: none"> • To design and implement traffic calming works on roads identified through ongoing reviews of 20mph zones in Leeds • To incur expenditure of £40,000 combined works and staff costs 	<ul style="list-style-type: none"> • Give authority to incur expenditure of £40,000 works and staff costs to implement traffic calming works identified as necessary to ensure adherence to existing 20mph speed limits • Give authority to advertise notices under Section 90C of the Highways Act 1980, noting that objections will be brought to the Chief Officer for consideration.
	City Centre Red Routes			

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80	Key bus network in and out of the City centre	<ul style="list-style-type: none"> • Obstruction of public transport corridors and delays to services 	<ul style="list-style-type: none"> • Advertisement of red route TRO 	<ul style="list-style-type: none"> • Note sites to be identified and brought forward for specific and separate approval.
Movement Violation Enforcement Cameras				
81	Kirkstall Road/Kirkstall Lane	<ul style="list-style-type: none"> • Violation of existing prohibited movement leading to collisions (12 recorded at site) 	<ul style="list-style-type: none"> • Provision of movement violation cameras. 	<ul style="list-style-type: none"> • Note prior approval with costs of £30,000 to be met from CRSTS
82	Queen Street/Wellington Street	<ul style="list-style-type: none"> • Violation of existing prohibited movement leading to collisions (6 recorded at site) 	<ul style="list-style-type: none"> • Provision of movement violation cameras. 	<ul style="list-style-type: none"> • Note prior approval with costs of £15,000 to be met from CRSTS
83	St Peter's Street/Duke Street	<ul style="list-style-type: none"> • Violation of existing prohibited movement leading to collisions (11 recorded at site) 	<ul style="list-style-type: none"> • Provision of movement violation cameras. 	<ul style="list-style-type: none"> • Note prior approval with costs of £30,000 to be met from CRSTS
84	Armley Ridge Road/Stanningley Road	<ul style="list-style-type: none"> • Violation of existing prohibited movement leading to collisions (6 recorded at site) 	<ul style="list-style-type: none"> • Provision of movement violation cameras. 	<ul style="list-style-type: none"> • Note prior approval with costs of £15,000 to be met from CRSTS
85	Chapelton Road/Harehills Avenue	<ul style="list-style-type: none"> • Violation of existing prohibited movement leading to collisions (6 recorded at site) 	<ul style="list-style-type: none"> • Provision of movement violation cameras. 	<ul style="list-style-type: none"> • Note prior approval with costs of £15,000 to be met from CRSTS
86	Accessibility Programme – footway improvements and disabled parking			
87	Various locations	<ul style="list-style-type: none"> • Provision of low cost footway works to provide dropped kerbs or tactile paving • Provision of informal disabled parking bays • Locations to be determined 	<ul style="list-style-type: none"> • Locations to be determined through 2023/24 	<ul style="list-style-type: none"> • Give authority to incur expenditure of £50,000

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Other safety initiatives and requirements				
88	Influencing Travel Behaviour – School crossing education and trials	<ul style="list-style-type: none"> Identify crossings close to school and provide education and training to prevent collisions Supports Vision Zero approach to preventative road safety 	<ul style="list-style-type: none"> Locations to be identified through remainder of CRSTS programme (2023-2027) 	<ul style="list-style-type: none"> Give authority to incur expenditure of £140,000 over the remaining 4 years of the CRSTS settlement
89	Middleton Park Road – Operation SNAP/ITB	<ul style="list-style-type: none"> Location identified for Operation SNAP intervention supported by ITB team 	<ul style="list-style-type: none"> Operation SNAP intervention 	<ul style="list-style-type: none"> Give authority to incur expenditure of £20,000 over the remaining 4 years of the CRSTS settlement
90	Safety Audit Training Course	<ul style="list-style-type: none"> Design and delivery of the projects in the programme require comprehensive safety audit process Formal training required to expand provision across LCC staff to support Vision Zero projects and others 	<ul style="list-style-type: none"> External training provider to train Highways & Transportation staff to qualified standard Ensures work can be done 'in-house' to avoid external fees. 	<ul style="list-style-type: none"> Give authority to incur expenditure of £16,000 to fund training course.