

Report of the Strategic Director, Regeneration and Culture to the meeting of Bradford South Area Committee to be held on 26 March 2015.

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Subject:

DEVOLVED BUDGET - SAFER ROADS SCHEMES

Summary statement:

This report seeks approval for a programme of Safer Roads Schemes for Bradford South for the 2015/16 financial year.

Ward: All Bradford South

Mike Cowlam
Strategic Director
Regeneration and Culture

Report Contact: Andrew Smith
Principal Engineer
Phone: (01274) 434674
E-mail: Andrew.smith@bradford.gov.uk

Portfolio:

Housing, Planning & Transport

Overview & Scrutiny Area:

Environment and Waste Management

1.0. SUMMARY

- 1.1. This report seeks approval for a programme of Safer Roads Schemes for Bradford South for the 2015/16 financial year.

2.0. BACKGROUND

- 2.1. The West Yorkshire Integrated Transport Authority (ITA) has produced the 15-year West Yorkshire Transport Strategy (*My Journey West Yorkshire – Local Transport Plan Strategy 2011-2026*) and detailed 3-year *Implementation Plans* which set out the transport policy and programmes in West Yorkshire. Within the framework of West Yorkshire, this document sets out the transport strategy and aspirations of the Bradford district over the same period.

- 2.2. The 3 main objectives of this Local Transport Plan (LTP) are: -

- **Economy** To improve connectivity to support economic activity and growth in West Yorkshire and the Leeds City Region;
- **Low Carbon** To make substantial progress towards a low carbon, sustainable transport system for West Yorkshire, while recognising transport's contribution to national carbon reduction plans;
- **Quality of Life** To enhance the quality of life of people living in, working in and visiting West Yorkshire

There are a number of targets identified; specific to Safer Roads is a target to reduce the number of people Killed or Seriously Injured (KSI) in road collisions by 50% by 2026. Traffic Management measures aimed at reducing casualties to achieve this target also have a positive impact on the objectives of the LTP by enhancing quality of life and encouraging sustainable transport modes.

- 2.3 It has been acknowledged at a West Yorkshire level that there needs to be a re-focus on Casualty Reduction in order to meet the KSI reduction target within the Local Transport Plan. Therefore it has been determined (by the ITA Board and resolved by the ITA Committee) that the current 3yr Implementation Plan (2014-2017) will introduce an evidence-based approach to prioritise a significant proportion of the budget available for Traffic Management measures to address those sites where it is expected that highways improvements will improve safety and reduce casualties.

- 2.4 The funding split determined by the ITA is 70% for Casualty Reduction schemes and 30% for locally determined schemes, such as on-street parking management, speeding or other community priorities (where there are perhaps perceived safety issues rather than a history of recorded collisions). The latter proportion of the budget will also need to cover the following scheme types: -

- Disabled Persons Parking Places
- Access improvement schemes (e.g. dropped kerbs etc.)
- Public Transport Infrastructure (e.g. raised kerbs at bus stops, bus build-outs)
- Routes to Schools
- Cycling Initiatives

- 2.5 The overall budget now comes under the heading of Safer Roads within the LTP. It has also been resolved that the indicative portions to each West Yorkshire Authority will be based on the previous formula split as used in Implementation Plan 1 (IP1).

Budget devolution

- 2.6 The funding and decision making process will continue through the devolved responsibilities of the Area Committee as resolved at the meeting of the Bradford South Area Committee on 22 November 2012. The decision making process should continue to reflect the needs and aspirations of the Local Transport Plan as well as consideration of local priorities.

3.0. OTHER CONSIDERATIONS

- 3.1. It is recommended that the Area Committee re-affirms its commitment to progressing Disabled Persons Parking Places, undertaking mobility access improvement works, and continuing deployment of the radar traffic counting equipment to assist in prioritising concerns about highway safety, by again including budgets for these within the 2015-16 programme.
- 3.2. It is also suggested that the successful exercise of promoting a constituency-wide Traffic Regulation Order, to include a number of sites where minor amendments to waiting restrictions have been requested, be repeated in 2015/16. (Due to the more extensive processes involved, it would not be feasible to include any larger schemes or Residents Permit Parking Schemes within the constituency-wide Order).

4.0. FINANCIAL & RESOURCE APPRAISAL

- 4.1. The total budget for the Bradford district for the 2015-16 financial year is £923,000.
- 4.2 The funding split between the 5 constituencies has been determined based on the 2011 census population figures. (As resolved by Executive at the meeting on 16 April 2013).

Area	Population %
Bradford West	22.0
Bradford South	19.4
Bradford East	21.8
Shipley	18.2
Keighley	18.6

- 4.3 This apportionment results in a total budget of £179,000 for Bradford South, of which £125,000 is for Casualty Reduction schemes and £54,000 is for other community priority schemes.

- 4.4 The allocations for the Bradford District, and subsequently Bradford South, are based on the indicative annual funding figures for the current 3-yr Implementation Plan. Any re-profiling of these allocations, and their potential impact on the Safer Roads programme approved by this Committee, would be reported to the Area Committee when they are known. Appropriate re-programming of schemes can be carried out if required.
- 4.5 Work on the 2014/15 programme of schemes (approved by this Area Committee on 15 April 2014) is ongoing; as such it is not known at this stage whether or not there will be any residual funding to reallocate. It is recommended that a further report be brought to Area Committee in Autumn 2015 to update members on schemes progress and consider, if appropriate, residual funding.
- 5.0. RISK MANAGEMENT AND GOVERNANCE ISSUES**
- 5.1. A failure to follow an evidence-based approach and prioritise schemes on the basis of casualty reduction potential would be contrary to the ITA funding parameters. This may result in non-payment of funds (Funding is paid retrospectively from the ITA to the council on a quarterly basis).
- 6.0. LEGAL APPRAISAL**
- 6.1. There are no specific issues arising from this report. The course of action proposed is in general accordance with the Councils power as Highway Authority and Traffic Regulation Authority. The Council's commitment to taking into account the needs of all road users, including those with special mobility needs, is referred to in the body of this report.
- 7.0. OTHER IMPLICATIONS**
- 7.1. EQUALITY & DIVERSITY**
The prioritisation process has been undertaken, and approved schemes will be developed, with due regard to Section 149 of the Equality Act 2010.
- 7.2. SUSTAINABILITY IMPLICATIONS**
Improvements to road safety conditions encourage a shift to sustainable transport modes.
- 7.3. GREENHOUSE GAS EMISSIONS IMPACTS**
There is no impact on the Council's own and the wider District's carbon footprint and emissions from other greenhouse gases arising from this report.
- 7.4. COMMUNITY SAFETY IMPLICATIONS**
Effective prioritisation of resources to maximise casualty reduction will be beneficial to community safety.
- 7.5. HUMAN RIGHTS ACT**
None.

7.6. TRADE UNION

None.

7.7. WARD IMPLICATIONS

Elected members will be fully consulted on the development of any schemes within their respective wards.

7.8. AREA COMMITTEE ACTION PLAN IMPLICATIONS

Safer Roads schemes support the Safer Communities priorities within the Bradford South Area Committee Action Plan.

8.0. NOT FOR PUBLICATION DOCUMENTS

8.1. None.

9.0. OPTIONS

9.1. Members may nominate alternative schemes to those recommended in Appendices 2 and/or 3 (to the same total budget value). Officers will provide appropriate advice and any suggested substitutions. Any alternative sites suggested for inclusion in Appendix 1 will be subject to justification in terms of Casualty Reduction potential.

10.0. RECOMMENDATIONS

10.1. That the Bradford South Area Committee approves a programme of Casualty Reduction schemes for 2015/16 listed in Appendix 1.

10.2. That the Bradford South Area Committee approves the proposed programme of Traffic Management schemes for 2015/16 listed in Appendices 2 and 3.

10.3. That a further report be presented to the Bradford South Area Committee in Autumn 2015 to update members on progress with the 2014/15 schemes programme and give consideration to the allocation of any residual funding.

10.4. That any Traffic Regulation Orders, or any legal procedures linked to the processing of traffic calming measures or pedestrian crossing facilities which are necessary to implement the chosen schemes be approved for processing and advertising subject to the scheme details being agreed with the local Ward Members.

10.5. That any valid objections to the advertised Traffic Regulation Orders, traffic calming or pedestrian facilities be submitted to this Area Committee for consideration or in the event of there being no valid objections the Traffic Regulation Orders be sealed and implemented and the traffic calming or pedestrian facilities be implemented as advertised.

11.0. APPENDICES

- 11.1 Appendix 1 – Bradford South Casualty Reduction Schemes – recommended 2015/16 programme.
- 11.2 Appendix 2 – Bradford South Traffic Management Schemes – recommended 2015/16 programme.
- 11.3 Appendix 3 – List of requests received for minor Traffic Regulation Orders including sites recommended for inclusion in 2015/16 Area-Wide Traffic Regulation Order.
- 11.4 Appendix 4 – List of requests received for Traffic Management Measures in Bradford South.

12.0. BACKGROUND DOCUMENTS

- 12.1 Report to the Bradford South Area Committee on 22 November 2012 - *'The transfer of responsibility and budgets to the Bradford South Area Committee for decision making'*
- 12.2 Report to Executive on 16 April 2013 – *'Methodology for allocation of devolved service resources to the five Area Committees'*
- 12.3 ITA Board and Committee minutes on the methodology for the Safer Roads Strand of the Local Transport Plan.

APPENDIX 1

BRADFORD SOUTH CASUALTY REDUCTION SCHEMES – RECOMMENDED 2015/16 PROGRAMME

Site	Ward	Proposed Scheme	5 year Casualties		Budget Estimate
			KSI*	Slight	
Tyersal Lane junction with Dick Lane	25	Poor visibility out of Tyersal Lane, Stop sign justified with road markings.	1	11	£1000
Wesley Avenue junction with Cleckheaton Road, Low Moor.	30	Provision of give way sign and road markings.	0	4	£1000
B6380 Beacon Road, Wibsey	27	Provision of 3 pedestrian islands, central hatching and waiting restrictions	5	12	£27,000
Beckside Road junction with Spencer Road, Gt Horton.	11	Provision of 3 pedestrian islands on all approaches.	1	8	£22,000
A647 Halifax Road, Priestley Hill, Queensbury 3/7/2014	20	Modification of existing double white line system, provision of traffic island, modification of warning signs, Chevron signs, provision of short cycle lane and additional slow markings.	7	3	£22,500
A6177 Cross Lane/Gt Horton Road (ring road)/Beckside Road 3/7/2014	11	Provision of formal pedestrian facilities and dropped crossings at signalised junction	4	14	£33,000
B6379 Huddersfield Road between A641 Northern Junction and A641 Southern junction	30	Modify road markings	4	7	£3,500
Brownroyd Hill Road/Haycliffe Lane, Wibsey	27	Provision of pedestrian island, central hatching, build out and waiting restrictions. Maintain safe route to school (2 pedestrian casualties).	0	5	£15,000
				Total	£125,000

APPENDIX 2

BRADFORD SOUTH TRAFFIC MANAGEMENT SCHEMES – RECOMMENDED 2015/16 PROGRAMME

Site	Ward	Proposed Scheme	Budget Est.
Disabled Bays sites	All	Provision of on-street disabled parking facilities for qualifying constituents.	£4,000
Mobility Sites	All	Provision of dropped crossings and tactile paving to aid mobility across the constituency.	£4,000
TRO's/Lining Various sites (see Appendix 3)	All	Allocated for 2 Traffic Regulation Order bundles across the year.	£6,000
Radar surveys	All	Staff costs for Radar speed surveys District Wide	£2,000
Primary Schools:- Bartle Lane, Gt Horton.	11	To consider 20 mph zones or 20/30 mph speed limits for these schools	£12,000
Hollingwood Lane - Gt Horton.	11		
Cooper Lane - Horton Bank Top.	20		
Knowles Lane - Holme Wood,	25		
Shetcliffe Lane/Fenby Ave/Dawson Lane– Bierley.	19		
West End/Russell Hall Lane/Russell Road/West Park Road, Queensbury.	20		
Common Road/Abb Scott Lane/Royds Hall Lane, Royds.	21		
Chapel Road, Low Moor and Mansion Terrace, Gt Horton	30 & 11	Road closures :- Revoke 7.5 tonne HGV ban and introduce 2 road closures. Additional waiting restrictions.	£6000
Wibsey Fairground	27	Progression of previously approved car park scheme	£20,000
		Total	£54,000

APPENDIX 3

BRADFORD SOUTH - LIST OF REQUESTS RECEIVED FOR MINOR TRAFFIC REGULATION ORDERS

Recommended programme for 2015/16 Area-wide TRO highlighted

Gt Horton Ward 11

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Birks Fold	School Parking and problems with passing traffic	14/15	Urban	5,000	20 metres of no waiting at any time restrictions, in middle of area where there is no restrictions.
Gt Horton Road	Garage access	2010/11	Urban	£5,000	Extension of NWAAT to maintain visibility splay
Knights Fold	Paternoster Lane	12/13	Urban	£5,000	Waiting restrictions Mon-Sat 8-6.

Queensbury Ward 20

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Back Lane	McMahon Drive	11/12	Urban	5,000	Waiting Restrictions
Back Lane	Brow of hill	07/08	Urban	5,000	Waiting Restrictions
Commercial Street	West End	12/13	Urban	6,000	Waiting Restrictions, access to area blocked
Swift Drive	Westwood Park Hospital	15/16	Urban	5,000	Waiting restrictions required near to hospital access to maintain 2 way flow.
A647 West End/Ford Hill	Un-adopted	12/13	Urban	6,000	NWAAT to replace m-f 8-6 at Highfield Terrace No.s 77 to 81

Royds Ward 21

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Back Alley	Portree Drive	11/12	Urban	£5,000	Alley Gating
Mandale Road	Beacon Road	14/15	Urban	£5,000	No waiting at any time restrictions. Maintain site line visibility at junction.
Manorley Lane	Meadway	14/15	Urban	£5,000	No waiting at any time. Sight line visibility at junction.
A6036 Halifax Road	Beehive Yard outbound	12/13	Urban	£5,000	No waiting and limited Waiting for local shops.

Tong Ward 25

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Bierley Lane	Delware Court	02/03	Urban	£5,000	Waiting Restrictions
Bierley Lane	Smith Street	09/10	Urban	£5,000	Waiting Restrictions
Broughton Ave (unadopted section)	Newall Road	14/15	Urban/sc hool	5,000	Permit parking zone. Would need a committee resolution as all have off street parking.
Coop Place	Rooley Lane	14/15	Urban	£5,000	Waiting Restrictions
Holme Lane	Joseph Street	09/10	Urban/Industrial	£5,000	Waiting Restrictions
Launceston Drive	Opposite 90 degree parking bays	11/12	Urban	£5,000	No Waiting at Any Time
Newhall Park Drive	Housing off Prologis Site	14/15	Urban Industrial	£5,000	Permit parking zone or no waiting at any time.
Shetcliffe Lane	Approaching Tong Street junction	08/09	Urban	£5,000	Reduce length of No Waiting 8am to 6pm
Tong Street	Prince Street	05/06	Urban	£5,000	Revocation of Banned Turns (include in another TRO)
A650 No70 Westgate Hill Street	Opposite scrap yard	11/12	Urban	£5,000	No Waiting at Any Time (scrap yard workers park completely on the footway).

Wibsey Ward 27

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Beacon Road	Kilner Road	00/01	Urban	4,000	Waiting Restrictions
Beacon Road – new bolt down Islands	3 sites	14/15	Urban	4,000	No waiting at any time to protect islands.
Beacon Road	Reevy Avenue	14/15	Urban	4,000	No waiting at any time to protect sight line visibility.
Beacon Road	Existing Double White Line System abused, police recommend waiting restrictions 1/10/2012.	12/13	Urban	5,000	No waiting any time restrictions. The DWL is abused by new home which has a car park for staff and visitors provided as part of the planning application.
Brentwood Gardens	Halifax Road	05/06	Urban	4,000	Waiting Restrictions
Huddersfield Road	Larch Hill	14/15	Urban	5,000	NWAAT restrictions to maintain sight line visibility.
Manchester Road Lay-by outbound	Rooley Lane	11/12	Urban	4,000	Limited Waiting for 1 hour/2hours.
Mount Road	Briggs Avenue	05/06	Urban	4,000	Extend existing Waiting Restrictions

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Priestley Terrace (cul-de-sac)	High Street	14/15	Urban	£5,500	24/7 Residents permit parking zone
St Enoch's Road	Chapel fold	04/05	Urban	4,000	Waiting Restrictions
St Paul's Ave (right turn slip)	Halifax Road	12/13	Urban	4,000	Mandatory right Turn
St Paul's Avenue Cul de sac	St Paul's Avenue	05/06	Urban	4,000	Waiting restrictions
Truncliffe	Outside Truncliffe House	09/10	Urban	4,000	Waiting Restrictions
Wibsey Park Avenue	Kilner Road	14/15	Urban	4,000	NWATT Restrictions

Wyke Ward 30

ROAD/JUNCTION	Problem	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
WYKE Ward 30					
Chapel Road	Vehicles parking restricts access to industrial premises	15/16	Urban	£5,000	No waiting at any time
Clay Hill Drive	Adjacent to No.21 to protect drive way	14/15	Urban	£5,000	No waiting at any time
Huddersfield Rd/Hanson Mt	Poor sightlines	14/15	Urban	£5,000	No waiting at any time
Mayfield Avenue	Parking restricts access to refuse vehicles	14/15	Urban	5,000	No waiting at any time Refuse vehicles unable to enter back alley, wbc marking too short, restrictions required both sides at top.
Methuen Oval	Pimary School access/visibility problems	14/15	Urban	5,000	No waiting 8am to 6pm leading along side road to school entrance.
New Works Road 365-371	Resident Permit Parking	10/11	Urban	5,000	Permit Parking
Spartan Road	Additional parking provision	14/15	Industrial	5,000	Revoke NWAAT on industrial Estate request by businesses and wardens

APPENDIX 4

BRADFORD SOUTH - LIST OF REQUESTS RECEIVED FOR TRAFFIC MANAGEMENT MEASURES

Great Horton Ward 11

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Aberdeen Place	Parking Lay-bys	14/15	0	20,000	Removal of GIA junction Features
Ashton Avenue	Traffic Calming	08/09	1	10,000	Mean speeds 19 mph, low volumes.
Beckside Road (between Spencer Road and Shires Ind Unit)	Pedestrian stick down island	2013/14	0	7,000	PV2SQ 0.449x10^8.
Bartle Lane/Hollybank Road	Mini-roundabout	06/07	1	17,000	Gives equal priority to all road users, help to reduce vehicle speeds and an option to Traffic Calming of each street.
Bartle Lane	Traffic Calming remaining length	14/15	1	20,000	Through traffic daily 2,600. Average speeds 28 mph (66% exceeding 30 mph speed limit)
Bartle Lane	20 MPH Speed Limit Zone	12/13	?	£7,000	Through traffic daily 4,498. Average speeds 28 mph (36% exceeding 30 mph speed limit)
Bartle Lane	Bolt down island	14/15	?	7,000	Very wide junction, close to Brackenhill Primary School, I a desire line.
Cumberland Road	Parking Lay-by	14/15	1	70,000	Removal of G.I.A Junction Features
Footpath between Exley Mount and Birks Fold	Motor Cycle Barriers	2007/08	N/A	4,000	Concern raised by local residents and Ward councillor.
Great Horton Road	Crossing facility adjacent to 742 Gt Horton Road.	14/15	?	25,000	Justifies zebra crossing with 2 build outs PV2 0.858X10_8. 106 metres to nearest pedestrian island and 120 metres to signals.
Harlow Road	Parking Lay-by	14/15	0	70,000	Removal of G.I.A Junction Features
Hartington Terrace	Parking Lay-bys	14/15	0	70,000	Removal of GIA junction Features
Hollingwood Lane/Chelsea Road	Footway improvement	12/13	0	£5,700	Large vehicles unable to negotiate sharp manoeuvre, cut across damaging footway.
Hollingwood Lane/Hollybank Road	Left sight line improvement	12/13	4	CPO	Virtually nil visibility to the left
Hollingwood Lane/Island	Remove island/improvement	11/12		20,000	HGV's mounting footway
Hollingwood Lane	20 mph Variable Speed Limit. Or School Zone	2010/11	2	10,000	Complement existing school traffic calming, 34% exceeding speed limit.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Holly Bank Road	Traffic Calming	06/07	2	25,000	Through traffic daily 7,700, Average speeds 29 mph (78% exceeding 30 mph speed limit).
Kingswood Street (220m)	Traffic Calming	01/02	0	24,000	Average speeds 22mph low volume 414 vehicles in 12 hours
Legrans Avenue, Scholemoor	Traffic Calming	08/09	0	8,000	Mean Speeds 22 mph
Lidget Terrace and lidget Place	2 short One Way streets	09/10	0	11,000	Difficulty with accessi & egress because of traffic queues on Becksid Road
Neocropolis Road, Scholemoor	Traffic Calming	08/09	0	13,000	Mean Speed 21 mph
Old Road (bus route)	Traffic Calming	2014/15	2	15,000 Upper 15,000 lower May needs strengthening	Upper 2,663 AADT, 24.3mph average speeds. Lower 1,646 AADT, 25.9mph average speeds.
Poplar Grove	Traffic Calming	04/05	1	45,000	80% non residential through traffic, high speeds
Scholemoor	20 mph Zone	10/12		8,000	Raised by councillors
Scholemoor Lane	Traffic Calming	08/09	3	18,000	Mean speeds 17 to 19mph.
Scholemoor Lane/Clayton Road	Bolt down Island	14/15	4	7,000	Junction used for u-turns by left turners out of Hollingwood Lane abusing right turn.
Scholemoor Road (260m)	Traffic Calming	01/02	1	40,000	Mean Speeds 21 mph
Smith Road	Traffic Calming	07/08	0	20,000	Low volumes, average speeds 24.6 to 29.8 mph.
Rear of Southfield Lane (back alley way)	Closure TRO and bollards	07/07 Revised 15/16	0	6,000	Route signed as no through route and unsuitable for traffic, but abused. Children at risk when playing.
Southmere Terrace/Drive, Cragg St & Pannal St. 20/5/2014	Traffic Calming – Thermoplastic Humps	14/15	0	7,000	Low speeds Low volumes, no collisions.
Spencer Road/Becksid Road	Permanent roundabout	11/12		15,000	Traffic abusing existing mini-roundabout.
Spencer Road (Becksid Road to Clayton Road)	Traffic Calming	08/09	3	26,000	7-7 bi-directional volume 5,858 vehicles, Mean Speeds 32 – 35 mph
Springfield Avenue, Scholemoor	Traffic Calming	08/09	0	12,000	Mean Speeds 21 to 23 mph

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Footpath between St Wilfrid's Crescent and Spencer Road	Motor Cycle Barrier	2008/09	N/A	2,000	Concern raised by Rights of Way, Police and Residents.
Wheater Road	Parking Lay-bys	13/14	0	70,000	Removal of GIA junction Features
Windermere Terrace/Gt Horton Road	Road Closure/Turning Head/Waiting Restrictions	08/09	1	15,000	54 vehicles during 4 hours peak periods non-residential traffic volumes

Queensbury Ward 19

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Albert Road, adjacent to demolished mill.	Extend existing footway 500 metre maintain safe route to Fox Hill Primary School.	14/15	?	£10,000	Footway stops and then restarts further down forcing pedestrians to cross on a bend.
A644 Brighouse Road/Jackson Hill Lane	Toucan Crossing	10/11	0	60,000	No safe road crossing point for horse/riders to local stables and routes. 50 mph speed limit.
A644 Brighouse & Denholme Rd/Green Lane	Re-align junction and widen footway	09/10	0	10,000	High speeds entering Green Lane
A647 Halifax Road/Windy Bank Lane	Toucan Crossing	10/11	6	60,000	No safe road crossing point for horse/riders to local stables and routes. Speed related collisions.
Back Lane - Option 1	Installation of traffic mirror with commitment to junction improvement at Highgate Road within 2 years	11/12	2	60,000	There is a blind spot where vehicles are not seen when turning into back lane.
Back Lane - Option 2	Introduction of one-way	11/12	2	7,000	There is a blind spot where vehicles are not seen when turning into back lane.
Back Lane – Option 3	Closure of the road at Highgate Road	11/12	2	10,000	There is a blind spot where vehicles are not seen when turning into back lane.
Back Lane – Option 4	Widening the road by reducing footway width and removing priority signing.	11/12	2	5,000	There is a blind spot where vehicles are not seen when turning into back lane.
Baldwin Lane	Trief Kerbing	09/10	1	6,000	Cars going through farmers wall continuous damage.
Chapel Lane	One way TRO plus 2 build outs	14/15	?	9,500	Poor sight line visibility out of this road onto High Street.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
					As a result would be able to relax restrictions and introduce limited waiting restrictions.
Cooper Lane	20 mph variable speed limit	2008/09	4	10,000	85%ile 22.7 to 31.4 mph
Fleet Lane	Traffic Calming (thermoplastic strips)	14/15 2 requests	0	15,000	AADT 2030 vehicles, 85%ile 29.3mph and 23.7 average speeds. Not a bus route
Green Lane, Corporal Lane, Shaw Lane, Paw Lane, Jackson Hill Lane and Sykes Lane	Reduced speed limits	11/12	0	6,000	Review Speed Limit
Green Lane	Roper Lane	03/04	1	6,000	Review Speed Limit
Hill End Lane	Traffic Calming	14/15	0	35,000	AADT 2162, average speed 28.4 mph, 85%ile 34.4mph
Highgate Road/Cooper Lane junction	Island, pedestrian facilities at signals & re-site bus stop/shelter	03/04	3	20,000	Aid pedestrian movements
Medway (130m)	Road Closure	02/03	0	9,000	Closure to prevent use by through traffic
Mill Lane 40 metres	Extend footway	06/07	0	7,500	Footway has a gap, this will protect most vulnerable road users
Mill Lane (300m)	Traffic Calming	03/04	0	30,000	Low speed/low volumes
Naseby Rise (180m)	Traffic Calming	00/01	0	21,000	Average Speeds / Low Volumes
Oxford Road	Build Out to stop those abusing no entry	14/15	0	4,000	Since introduction of one way, no entry has been regularly abused. Physical measure required.
Old Guy Road (un-adopted track linking Mill Lane to Brighthouse & Denholme Road).	Road closure from Police following a number of burglaries.	11/12	0	6,000	Police require measure a road closure with pedestrian & horse friendly gate or anti-ram bollards at junction with Brighthouse and Denholme Road.
Priestley Hill, Halifax Road	Verge Grass Crete	14/15	0	£10,000	Conversion of grass verge into grass Crete parking area.
Roper Lane (section 1)	Single sided crash barrier	05/06	0	9,000	Continuous damage to land owners dry stone walls on narrow bend (high number of non-injury collisions).
Roper Lane (section 2)	Single sided crash barrier	05/06	0	6,000	Continuous damage to land owners dry stone walls on a narrow bend (high number of non-injury collisions).

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Rural area between Queensbury, Clayton and Thornton	Warning signs of horses/riders at entry points and where paths/bridleways meet roads.	10/11	0	6,000	The Police Horse Liaison Officer and officer have visited area and believe signing essential to protect vulnerable road users.
Snape Drive	Widen footway and modify turning head	14/15	0	?	Damage cause to private property by turning vehicles. Turning head too tight. Land required.
Sourheads Footpath	Motorcycle barrier	07/08	0	2,000	Replace cycle dismount barriers.
West End/Russell Hall Lane	20/30 mph variable speed limit fronting Russell Hall Primary School	14/15	?	12,000	High speeds in front of primary school
Westbury Road	Traffic Calming	06/07	0	18,000	Average speeds 25 – 29 mph, vehicles 796 7am – 7pm, 40% residential traffic.
Windy Bank Lane	Trief Kerbing	06/07	0	6,000	HGV's ignoring 7.5T Ban, physical measure will be self enforcing.

Royds Ward 20

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
# Bilsdale Grange/Reevy Crescent (600m)	Traffic Calming	01/02	1	100,000	Average Speeds/Average volumes
32 Buttershaw Drive	Relocated Traffic Calming.	10/11	0	6,000	Water collects because of feature. Option to construct additional drainage gully.
Chapel Street	One way	15/16	0	7,000	Will open up the street to additional parking provision so needs to be programmed at same time.
Cooper Lane/Stainbeck Gardens	Pedestrian link 40 metres.	15/16	0	3,000	Lack of pedestrian routes from residential area to main road.
Cooper Lane – Home Farm Primary School	20 mph/30 mph variable speed limit	08/09	0	6,000	Mean Speeds 20 – 28 mph
Eaglesfield Drive, Woodside	Extension of School Traffic Calming Zone. Petition	10/11	0	6,000	85 th percentile speed 31mph
Fenwick Drive (1,270m)	Traffic Calming	06/07	7	100,000	Average speeds 28 mph
Farfield Avenue/Church Street	Road Closure	09/10	1	6,000	61% non-residential through traffic on Church Street

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
					residential area.
Farfield Grove (320m)	Upgrade Existing Traffic Calming	06/07	0	30,000	Average speeds 19 mph, vehicles 2367 24DT
Harbour Crescent (180m)	Traffic Calming	97/98	0	20,000	Low speeds, low volumes
Meadway	Traffic Calming 950m and 20 mph speed limit zone	09/10	4	70,000	85%ole 29.6 mph.
Meadway	Closures	14/15	4	15,000	Access only abused
# Moresby Road (380m)	Traffic Calming	01/02	0	38,000	Average Speeds/Volumes.
Old Road (bus route)	Traffic Calming	2014/15	2	15,000 Upper 15,000 lower May needs strengthening	Upper 2,663 AADT, 24.3mph average speeds. Lower 1,646 AADT, 25.9mph average speeds.
Park Road (660m)	Traffic Calming	02/03	1	45,000	Average Speeds Low Volumes.
Royds Hall Lane (300m)	Traffic Calming	03/04	5	45,000	Average speeds 32 mph.
# Reevy Crescent (200m)	Traffic Calming	01/02	2	45,000	Speeds average 25mph / Volume 12 hour 521 vehicles.
Reevy Road junction with Wibsey Park Avenue	Pedestrian Island	09/10	0	£10,000	Wide junction mouth, poor visibility.
Reevy Road	Traffic Calming	09/10	1	43,000	Average Speeds 31 mph.
Ridings Way	Traffic Calming	06/07	1	25,000	Average speeds 15 mph, 497 vehicles 24T.
Speeton Avenue (335m)	Traffic Calming	06/07	1	40,000	Average speeds 28 mph, vehicles 1070, 7am – 7pm.

Tong Ward 25

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Burnham Avenue (650m)	Traffic Calming	02/03	3	45,000	Average speeds 39 mph, vehicles 848, 7 – 11am & 3 – 7pm, 955 (37% increase from 2004. Tied in with Industrial/residential Development 278 Agreement
Bierley Lane, near Greenwood Fold	Relocate Priority Build Out	11/12	0	5,000	Drivers turning right into Greenwood Fold have vehicles behind them

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
					negotiating priority thinking they are not turning right and minor collisions take place.
Currer Avenue/Hambledon Avenue	Mini-roundabout	06/07	0	10,000	Tied in with Residential Development 278 Agreement
Cutler Heights Lane/Holme Wood Road	Signals/junction improvement	05/06	4	100,000	Poor sight-line visibility from side road for HGV's and large turning manoeuvres restricted. Tied in with Industrial Development 278 Agreement
Dawson Lane (Tong Street to Burnham Road) (320m)	Traffic Calming	01/02	1	40,000	Average speeds 32 mph, vehicles 1431, 7 – 11am and 3 – 7pm, 1350 (51% reduction from 2004. Identified as part of Bradford South Integrated Transport Priorities. No funding available.
Denbrook Avenue	Traffic Calming	06/07	0	10,000	Very low volumes, average speeds 24 to 25 mph.
# Dulverton Grove.(250m)	Traffic Calming	01/02	0	8,000	Average Speeds/Volumes.
Halesworth Crescent/Tenbury Fold	Traffic Calming	09/10	1	23,000	Average speeds 19 to 27mph
Holme Lane (920m)	Traffic Calming	02/03	3	100,000	Average Speeds/ Volumes.
Landscope Avenue (820m)	Traffic Calming	02/03	1	65,000	Average Volumes/Speeds
Lymington Drive	Road Closures	09/10	0	10,000	Area used for dumping, raised by Liz Parker NH Warden.
Knowles Lane	20 mph zone for school	14/15	?	£7,000	Requested by Ward Councillors to reinforce existing traffic calming by the school.
Ovington Drive & Un-named Road	2 Closures at Madison Ave & Cordingley Street	06/07	0	10,000	Stop traffic avoiding Tong street and using alternative routes through Holmewood. See NDP proposed experimental closures of St Margarets Ave & Broadstone Way.
Shetcliffe Lane (Fenby Ave to Bierley Lane) (450m)	Traffic Calming/20 mph Speed Limit	12/13	0	£25,000	Identified as part of Bradford South Integrated Transport Priorities. No funding available.85%ile speeds 39.7 mph 15-4-2013.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
# Toftshaw Lane/New Road (780m)	Road Closure	05/06	0	8,000	Over 2671 vehicles during 7.30 – 9.30am and 3 – 7pm non-residential & commercial through traffic very narrow semi rural route. Increased 171 vehicles in 2 years.

Wibsey Ward 27

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
A6036 Halifax Road/Bowman Road	Pedestrian Island	11/12	0	12,500	Pedestrian count 7am to 7pm, identified 37 pedestrians crossing (28 children). Could be joint funded with Royds.
Beacon Road/Mill Street	Zebra crossing	13/14	0	£20,000	Pv2sq 0.7, high pedestrian movements.
Beacon Road/Enfield Drive	Road Closure	03/04	0	6,000	None residential through traffic
Briarwood Avenue (125m)	Traffic Calming	05/06	0	15,000	Average speeds/volumes
Brownroyd Hill Road (550m)	Traffic Calming	05/06	2	65,000	High speeds average volumes
Dawson Avenue (140m)	Closure	01/02	0	6,000	Through traffic between Odsal Road and Halifax Rd
Enfield Walk/Enfield Parade (380m)	Traffic Calming	01/02	0	12,000	Additional traffic calming following Enfield Drive
Faxfleet Street Residential Area	Traffic Calming / 20mph Zone	01/02	0	90,000	Reduce speeds in residential area.
Frimley Drive	Traffic Calming	07/08	1	10,000	Average speeds between 20 and 24 mph. Very low volumes of through traffic.
High Street (Ashdown close)	Zebra Crossing	05/06	0	15,000	PV2sq 0.7, high pedestrian movements especially children. In between existing zebra crossings and new installation during 2007/08 150 metres apart.
Kenley Avenue (175m)	Traffic Calming	05/06	0	20,000	Average speeds 21 mph, 566 vehicles 7am – 7pm
Little Horton Lane/Hawes Road	Buildout	05/06	0	4,000	Ignoring no entry signs, abusing one-way, physical measures required
Netherlands Avenue	Traffic Calming	10/11	?	50,000	85 percentile 36 mph and mean speeds to be 26 mph.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Northdale Crescent/ Northdale Mount/Ave	Road Closure or Traffic Calming	01/02	1	6,000	Through traffic problem.
Northdale Crescent/ Northdale Mount/Ave	Traffic Calming	01/02	1	30,000	Through traffic problem.
North Road (Fair Road to Folly Hall Road) (90m)	Road Closure	05/06	0	6,000	600 vehicles 7am to 7pm
Reevy Road	Traffic Calming	09/10	0 8/12/2014	20,000	85 percentile 36 mph and mean speeds to be 26 mph.
Reevy Road/Wibsey Park Avnue	Pedestrian Island/widen junction	15/16	0	25,000	Existing layout too narrow to accommodate a pedestrian island.
Smith Avenue (640m)	Traffic Calming	04/05	0	140,000	Average speeds 27 mph
St Pauls Avenue right turn onto Halifax Road	Mandatory right turn, as left turners using to avoid left turners queue.	13/14	?	5,000	Left turners in right turn lane are causing problems for school crossing patrol operating from cheese island across Halifax Road.
# Tennyson Road	Traffic Calming	02/03	0	25,000	Average Speeds and Volumes.
Wibsey Bank	Motor Cycle Barriers	07/08	?	3,000	Motor cyclists racing.

Wyke Ward 30

ROAD NAME	REQUEST/OPTIONS	YEAR RECEIVED	INJURY COLLISIONS LAST 5 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS, INVESTIGATION & INFO & RECOMMENDATIONS MEETING COUNCILLORS
Brighthouse Road	Upgrade damaged verges torn up by HGV parking.	10/11	0	20,000	Need defined bays.
Carr Lane/New Works Road	4 Dropped Crossings	2009/10	0	2,400	Maintaining pedestrian links.
Chapel Road	Extend HGV Ban to junction with Cleckheaton Road	14/15	0	7,000	In last 10 years existing sign has been damaged many times and cost £ at least £3,000 to maintain
Chapel Road	Closure	15/16	0	7,000	In last 10 years existing sign has been damaged many times and cost £ at least £3,000 to maintain
Common Road	New Footway	12/13	?	£5,000	Maintain pedestrian networks
Griffe Road (365m)	Traffic Calming	01/02	0	25,000	Average Speeds and Volumes. MONITOR

ROAD NAME	REQUEST/OPTIONS	YEAR RECEIVED	INJURY COLLISIONS LAST 5 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS, INVESTIGATION & INFO & RECOMMENDATIONS MEETING COUNCILLORS
Markfield Avenue/Morley Carr Road/Carr Lane	6 Dropped Crossings	2009/10	0	3,500	Maintaining pedestrian links.
Markfield Close to Winterton Drive Stepped Snicket.	Handrail to maintain safe use.	2010/11	N/A	750	Steep length no support for users.
Mayfield Rise/Clay Hill Drive	At end of each street, stop motor cycles and bike cutting through	2014/15	?	£4,000	2 x motor cycle barriers and 10 metres of black fencing
Rooley Crescent/Dean Beck Ave	20 mph Zone	11/12	?	5,000	Recommended.
Staithegate Lane	Footway to link up existing footway and Euroway	14/15	0 16/12/14	20,000	800 metres of new footway
St Mary's Crescent/Mount (600m)	Traffic Calming	06/07	2	50,000	Average Speeds and Volumes MONITOR
St Mary's Drive (240m)	Traffic Calming	06/07	0	22,000	Very low volumes, average speeds 18 mph MONITOR
Town Gate	Provide alternative route for HGV's avoiding narrow Town Gate.	2010/11	12	10,000	VMS Signing showing alternative route.
Wilson Road Updated 30/6/14	Thermoplastic Traffic Calming	12/13	1	10,000	85%ile 31.3 mph off peak. 15 Thumps. 26-6-2012.