

Report of the Strategic Director, Regeneration and Culture to the meeting of Bradford South Area Committee to be held on 17 March 2016.

AE

Subject:

DEVOLVED BUDGET - SAFER ROADS SCHEMES

Summary statement:

This report seeks approval for a programme of Safer Roads Schemes for Bradford South for the 2016/17 financial year.

Ward: All Bradford South

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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 2016/17 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 2016/17 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 2016/17. (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).
- 3.3. A significant number of requests that have been previously added to the waiting list for funding have been there for a number of years with no recent renewed requests for action, or have been made by individuals rather than having more widespread community and/or member support or at sites without a proven history of safety issues. In order to assist future prioritisation of funding, it is recommended that the list of outstanding requests for measures (Appendix 4) be reviewed in conjunction with respective ward members in accordance with this methodology. There is nothing to preclude any of these items being restored to the list if new justification for their inclusion comes to light.

4.0. FINANCIAL & RESOURCE APPRAISAL

- 4.1. The total budget for the Bradford district for the 2016/17 financial year is £825,000.
- 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 £160,000 for Bradford South, of which £112,000 is for Casualty Reduction schemes and £48,000 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 2015/16 programme of schemes (approved by this Area Committee on 26 March 2015) is ongoing; it is also possible that the ITA may re-profile Safer Roads funding to account for previous over programming. 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 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 2016/17 listed in Appendix 1.

10.2. That the Bradford South Area Committee approves the proposed programme of Traffic Management schemes for 2016/17 listed in Appendices 2 and 3, including (subject to residual funding from previous years' Safer Roads programmes being available, schemes within the reserve list in Appendix 2).

10.3. 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.

10.4. 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.

- 10.5. That the list of outstanding requests for measures (Appendix 4) be reviewed in conjunction with respective ward members.

11.0. APPENDICES

- 11.1 Appendix 1 – Bradford South Casualty Reduction Schemes – recommended 2016/17 programme.
- 11.2 Appendix 2 – Bradford South Traffic Management Schemes – recommended 2016/17 programme.
- 11.3 Appendix 3 – List of requests received for minor Traffic Regulation Orders including sites recommended for inclusion in 2016/17 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 2016/17 PROGRAMME

Site	Ward	Proposed Scheme	5 year Casualties		Budget Estimate
			KSI*	Slight	
A641 Huddersfield Road/Netherlands Avenue junction.	21, 27,30	Remove through traffic from Netherlands Avenue lower section to upper section. Remove right turn outbound to upper Netherlands Ave and provide loop for those wanting access to upper Netherlands Ave. Make mandatory left turn out of lower Netherlands Avenue. Narrow central turning area, provide slip lanes. Moving TRO required.	2	11	£48,000 junction improvement and TRO
St Enoch's Road uphill approaching Brownroyd Hill Road mini-roundabout.	27	Advanced give way sign, vehicles approaching uphill blinded by the sun, not aware approaching junction.	1	3	£1,500 sign
Dudley Hill Roundabout	25/ East	Guidance markings to all lanes (white lining and lane signing people cutting into wrong lanes).	2	21	£6,000 lining/signing
B6379 Huddersfield Road/Balme Street, Wyke	30	Waiting restrictions to protect pinch point, junction to protect pedestrians movements and improve sight line visibilities.	6	9	£7,000 TRO and lining
Carter Lane/Lane End junction	20	Improvements to warning signing road markings narrow hatching keep left small arrows	2	1	£3,000
Reevy Ave/Road/Reevy Road West	21	Improvements to double mini-roundabout. Dome the central markings, install 2 addition lit min-roundabout signs and modify 3 existing signs to include give ways.	2	4	£7,500
Cemetery Road junction with Northside Road and Birks Fold	11	Provision on give way signing on both side roads and give way triangle markings.	7	2	£4,000
A647/A644 Queensbury	20	Approach to left turn, information sign to drivers about large vehicles making manoeuvre will be	0	3	£1,500

		using outer lane.			
Dean Beck Avenue/Staithgate Lane	30	Provision of give way sign and road triangle.	1	1	£1,500
A647 Ford Hill, Queensbury	20	Provision of bend warning signs, central hatching and slow markings.	0	3	£2,000
A647 West End/Granby Street, Queensbury	20	Contribution towards Section 106 scheme towards provision of pedestrian island.	1	2	£9,000
A644 Brighthouse Road, Queensbury. Part in Calderdale	20	Additional blind summit warning signs, slow marking	0	12	£1,500
Southfield Lane/Smith Road, Great Horton.	11	Provision of give way sign	1	4	£1,500
B6379 Huddersfield Road	30	Pedestrian Island near to Silver Street (no pedestrian crossing facilities on this section of B road, when there are shops (TRO from other site combined).	0	2	£7,500
A641 Huddersfield Road/Common Road	30	Warning of crossroads ahead on backing boards and slow markings.	1	4	£1,500
Cleckheaton Road/Common Road/Park house Road	30	Additional give way sign on central island.	0	7	£1,500
A6177 Smiddles Lane approaching Hope Avenue and Hutton Road	27	Warning signs of the left hand bend with left stub and crossroads ahead.	0	15	£1,000
Cocking Lane, Queensbury	20	Bend and ice warning signs, slow markings and centre warning line.	0	7	£2,500
Windermere Road junction with Gt Horton Road	11	Pedestrian island	0	2	£4,000
		Total	26	114	£112,000

APPENDIX 2

BRADFORD SOUTH TRAFFIC MANAGEMENT SCHEMES – RECOMMENDED 2016/17 PROGRAMME

Site	Ward	Proposed Scheme	Estimate
Disabled Bays sites	All	Provision of on-street disabled parking facilities for qualifying constituents.	£6,000
Mobility Sites	All	Provision of dropped crossings and tactile paving to aid mobility across the constituency.	£5,000
TRO's/Lining Various sites (see Appendix 3)	All	Allocated for 1 Traffic Regulation Order bundles across the year.	£7,000
Radar surveys	All	Staff costs for Radar speed surveys District Wide	£2,000
Bartle Lane junction with Gt Horton Road	11	Pedestrian island	£4,000
Mill Carr Hill Road, Oakenshaw	25	Lowering traffic calming feature from 100mm to 75 by planing and re-laying adjacent to number 45. Assessed in August 2015 (noise complaints).	£1,000
St Paul's Avenue	27	Mandatory right turn from right turn lane onto Halifax Road	£3,000
Wibsey Fairground	27	Car park	£20,000
		Total	£48,000
		RESERVE SCHEME LIST	
A647 Halifax Rd/Oxford Rd	20	Extend build out, dropped x-ing, relocate bus stop to improve sight line	£5,000
Woodside Primary School, Fenwick Drive, Woodside.	21	20 mph speed limit zone, for the extents of traffic calmed area.	£5,000
Kesteven Close (Rycroft Primary School	25	Footway extension/bollards/guard rail – ped. route to school	£3,000
Staithgate Lane	30	Missing pedestrian footway link – extend footway 120 metres	£6,000
Wibsey Park Avenue/Reevy Road	21/27	Junction improvement, pedestrian islands, waiting restrictions, signing/lining.	£38,000

APPENDIX 3

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

Recommended programme for 2016/17 Area-wide TRO highlighted

Gt Horton Ward 11

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN /RURAL	COST	OFFICER RECOMMENDATIONS
Lowell Avenue	Clayton Road	15/16	Urban	£7,000	NWAAT Parking from local shops overflow parking unable to access street and own drives and unable to turn around.
Gt Horton Road	Garage access	2010/11	Urban	£7,000	Extension of NWAAT to maintain visibility splay
Hollingwood Lane	Hollingwood Mount	2015/16	Urban	£7,000	NWAAT to maintain visibility splay
Knights Fold	Paternoster Lane	12/13	Urban	£7,000	Waiting restrictions Mon-Sat 8-6.
19 locations around Gt Horton Road		15/16	Urban	£7,000	NWAAT to protect accesses and junctions. Petition Committee Decision 28-1-16.
Spencer Road	St Wilfreds Cres	15/16 13/1/2016	Urban	£7,000	Sight line visibility problems to right, 3 slight injuries during last 5 years, needs NWAAT.
Southmere Road	No.s 2 & 4	15/16	Urban	£7,000	Extend NWAAT from junction of Southfield Lane to stop parking for shops/dentist/pub and maintain access for residents to drives.
Southmere Road (105 Ewart Street drive).	Ewart Street	15/16	Urban	£7,000	Revoke SYL replace with bar marking
Tanner Hill Road	Access to Under Hill Farm obstructed on both sides of stub road	15/16	Urban	£7,000	Waiting restrictions NWAAT along one side of stub road and across access to junction.

Queensbury Ward 20

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN /RURAL	COST	OFFICER RECOMMENDATIONS
A647 Halifax Road (existing island).	Between Hill End Lane and Fleet Lane	15/16	Urban	5,000	No waiting at any time to replace white bar marking extend uphill approach to prevent vehicles hitting island.
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

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
Deanstones Lane	Adjacent bowling green	15/16	Urban	6,000	Restriction 12 noon to 8pm only.
Mill Lane	Old guy Lane	15/16	urban	6,000	NWAAT to replace white bar keep clear markings both sides of road at the 90 degree bend
Highgate Road	West of Birdwalk	14/15	Urban	6,000	NWAAT to maintain sight line visibility.
New House Lane		15/16	Urban	7,000	No waiting at any time and parking limited waiting half footway/carriageway.
West End	Russell Road	15/16	Urban	7,000	NWAAT Sight line visibility to the right

Royds Ward 21

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN /RURAL	COST	OFFICER RECOMMENDATIONS
A6036 Halifax Road	Beehive Yard outbound	12/13	Urban	£5,000	No waiting and limited Waiting for local shops.
Church Street	Off A6036 Halifax Road	15/16	Urban	5,000	Vehicles parking too close to junction both sides of Church Street and obstruct private drive for No.2. No waiting 8am to 6pm church side and NWAAT other side to include first access.
Fenwick Drive	Woodside Primary School new breakfast club	15/16	Urban	5,000	New breakfast club opened and parking is adjacent to the school, need to extend school no stopping on entrance markings TRO
Manorley Lane	Meadway	14/15	Urban	£5,000	No waiting at any time. Sight line visibility at junction.
Reevy Crescent	Sheltered accommodation	15/16	Urban	£5,000	Lay-by used by parents and teachers of Farfield School. Met criteria for residents parking 8am to 6pm Monday to Friday.

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
Broadstone Way	Full length	15/16	Urban	£7,000	Review waiting restrictions where there is verge hardening, verges where paving is laid for parking so it only covers carriageway, but at junctions to back of footway at junctions to maintain sight line visibility.
Broughton Ave (unadopted section).	Newall Road	14/15	Urban/school	5,000	Permit parking zone. Would need a committee resolution as all have off street parking.
Coop Place	Off Rooley Lane	15/16	Semi-urban	£7,000	NWAAT required to maintain access to Toby and industrial premises.
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.
Rook Lane	Compton Street	15/16	Urban/Industrial	5,000	No waiting at any time for sight line visibility to right.
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). Do with Tong Street improvement for 2020/21.
Wharfedale Road	Euroway Industrial Estate HGVs having difficulty accessing premises	15/16	Urban	£5,000	No waiting at any time restrictions

Wibsey Ward 27

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Beacon Road	Kilner Road	00/01	Urban	4,000	Waiting Restrictions
Brentwood Gardens	Halifax Road	05/06	Urban	4,000	Waiting Restrictions
Manchester Road Lay-by outbound	Rooley Lane	11/12	Urban	4,000	Limited Waiting for 1 hour/2hours.

ROAD NAME	JUNCTION	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
Mount Road	Briggs Avenue	05/06	Urban	4,000	Extend existing Waiting Restrictions
Oakroyd Avenue	Junction with High Street Wardens/residents identify this problem.	15/16	Urban	4,000	No waiting at any time restriction needs to be 1 space on north east only side. Too narrow, restricts access.
St Enoch's Road	Chapel Fold	04/05	Urban	4,000	Waiting Restrictions at junction and one side.
St Paul's Ave (right turn slip)	Halifax Road	12/13	Urban	4,000	Mandatory right Turn, requested by School crossing patrol co-ordinator.
St Paul's Avenue Cul de sac	St Paul's Avenue	05/06	Urban	4,000	Waiting restrictions
Tennyson Road	Junction with Fair Road, garage side	15/16	Urban	4,000	No waiting at any time to protect junction and dropped crossing.8
Trevor Foster Way	Part of Eurocam Technology Park	15/16	Indust	5,000	Waiting restrictions

Wyke Ward 30

ROAD/JUNCTION	Problem	YEAR RECEIVED	URBAN/RURAL	COST	OFFICER RECOMMENDATIONS
785 Cleckheaton Road	Sight line visibility obstructed	15/16	Urban	5,000	No waiting hours of opening
Clay Hill Drive	Adjacent to No.21 to protect drive way	14/15	Urban	£5,000	No waiting at any time
Carr Lane	Access/egress from industrial premises for Articulated vehicles	15/16	Urban	£7,000	NWAAT
Gannerthorpe Street	One parking space between restrictions causes obstruction	15/16	Urban	£5,000	Same as existing
New Works Road 365-371	Resident Permit Parking	10/11	Urban	5,000	Permit Parking
Spartan Road	Industrial estate road	15/16	Industrial Estate	4,000	No waiting at any time to allow articulated vehicle turning manoeuvres at entrances/exits.
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)
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.
Holly Bank Road	Traffic Calming	06/07	2	25,000	Through traffic daily 7,700, Average speeds 29 mph (78%

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
					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
Legrams 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	12,000	Difficulty with access & egress because of traffic queues on Becks 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/Becks Road	Permanent roundabout	11/12		15,000	Traffic abusing existing mini-roundabout.
Spencer Road (Becks 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/Oxford Road junction	Extend build out/dropped crossings, relocate bus stop.	15/16	0	7,000	Need crossing point to cross to shop
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.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Baldwin Lane	Upgrade warning signing and new VMS Sign	15/16	3	6,000	Cars going through farmers wall continuous damage.
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 grasscrete 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.
Cooper Lane/Stainbeck Gardens	Pedestrian link 20 metres.	15/16	0	6,000	Lack of pedestrian routes from residential area to main road.
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	2	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 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

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
Meadway Last complaint 9/12/2014	Traffic Calming 950m and 20 mph speed limit zone	09/10	1	70,000	85%ole 29.6 mph.
Meadway	Closures	14/15	1	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/Wibsey Park Avnue	Pedestrian Island/widen junction	15/16	0	25,000	Existing layout too narrow to accommodate a pedestrian island.
Reevy Road junction with Wibsey Park Avenue	Pedestrian Island	09/10 & 2015/16	0	£30,000	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.
Woodside estate investigation	20 mph	15/16	3		Need speed surveys to be carried out

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 negotiating priority thinking they are not turning right and minor collisions take place.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
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.
Kersteven Close	Footway Extension to school	15/16	0	4,000	14 metres x 2.5 metres to extend new footway to school. Parents and children stood in road at after school club (in turning head).
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.
Oddy Street 19/5/15	One way from Tong street to Cordingley Street	15/16	?	£10,000	Peak period rat running left out onto Tong Street 165 vehicles between 5 and 6pm
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.
Toftshaw Lane/New Road (780m)	Traffic Calming	13/14	0	£10,000 plus turning area £10,000 and land take	Over 2671 vehicles during 7.30 – 9.30am and 3 – 7pm non-residential & commercial through traffic very narrow semi rural route 2005/06. 1361 aadt vehicles April 2013 85%

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
					percentile 44.1mph, mean 34.4mph
Toftshaw Lane/New Road (780m)	Road Closure	05/06	0	£10,000	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/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.
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.

ROAD NAME	REQUEST	YEAR RECEIVED	INJURY COLLISIONS LAST 3 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS AND INVESTIGATION INFORMATION
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 junction with Wibsey Park Avenue	Pedestrian Island	15/16	2 (loc & alcohol/drugs)	£30,000 awaiting final estimate	Wide junction mouth, poor visibility.
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.

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	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
Cleckheaton Road/Glenroyd Ave 5/11/2015	Remove un-necessary dropped crossing	15/16	0	4,000	Loss of control leaving carriageway and hitting bus shelter and private wall.
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
Markfield Avenue/Morley Carr Road/Carr Lane	6 Dropped Crossings	2009/10	0	3,500	Maintaining pedestrian links.

ROAD NAME	REQUEST/OPTIONS	YEAR RECEIVED	INJURY COLLISIONS LAST 5 YRS	TRAFFIC BUDGET ESTIMATE £	OFFICER COMMENTS, INVESTIGATION & INFO & RECOMMENDATIONS MEETING COUNCILLORS
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 near Dean Beck Avenue	14/15	0 24/3/2015	25,000	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
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.

* split between more than 1 or 2 wards.