

Report of the Strategic Director of Regeneration to the meeting of the Bradford West Area Committee to be held on 19th October 2016

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Subject:

LOCAL HIGHWAY MAINTENANCE – DEVOLUTION UPDATE & FUNCTION OVERVIEW

Summary statement:

This report details how the service currently manages the Local Highway Maintenance (LHM) function and allocates resources.

It also updates the committee with regard to current operations being undertaken on the network and the indicative costs of works undertaken in the current financial year.

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Overview & Scrutiny Area:

Environment and Waste Management



1. SUMMARY

- 1.1 This report details how the service currently manages the Local Highway Maintenance (LHM) function and allocates resources.
- 1.2 It also updates the committee with regard to current operations being undertaken on the network and the indicative costs of works undertaken in the current financial year.

2. BACKGROUND

- 2.1 Local Highway Maintenance issues were devolved to Area Committee control in 2013.
- 2.2 As part of the commitment to the devolution process, information relating to the operation of Local Highway Maintenance is to be reported to the Area Committees on a regular basis.
- 2.3 The need to undertake highway repairs throughout the District is identified through a variety of sources including:
 - General public calls to the customer contact centre;
 - Inspections as a result of service requests dealt with by the Area Teams or as a result of observations by highway officers in the course of undertaking other duties.
 - Programmed condition, safety and other surveys.
 - Safety Inspections.
 - Reports from Bradford West Ward Co-ordinators Office.
 - Enquiries by Ward Members.

Where repairs to the highway are required these are categorised depending upon the severity of the issue into one of four categories (CAT1, CAT2, CAT3 or CAT4). Each category has a target repair time which has been agreed with the Council's Insurers.

- 2.4 CAT 1 reports from the public and technical staff are passed directly through to the Highway Delivery Unit and allocated to the work crews for immediate inspection and necessary remedial works.
- 2.5 CAT 2 reports are assessed by technical staff and collated into operational zones so that operational gangs can visit and patch affected areas in a co-ordinated manner.
- 2.6 CAT 3 and 4 sites are assessed by technical staff and ranked on a priority and needs basis, with works allocated to operational staff by the DLO Operations Manager.

- 2.7 Operational resources may be redeployed at short notice to deal with specific issues. Gang sizes may vary dependant on demand, staff leave and sickness. Service Level requirements – such as the need to respond to an extensive number of CAT1 requests or the need to respond to emergency planning issues may also have an effect on the availability of operatives.
- 2.8 Technical and operational staff may be required to facilitate the needs of the winter service between November and April each year.
- 2.9 A list of work types covered by the Local Highway Maintenance budget is included in Appendix 1.
- 2.10 A breakdown of the current technical staff allocation and an overview of their duties are included in Appendix 2.
- 2.11 A breakdown of operational staff and their duties is included in Appendix 3.
- 2.12 Currently reported CAT1 and 2 details are included in Appendix 4.
- 2.13 The current list of completed and ordered CAT3 and 4 works is included in Appendix 5.
- 2.14 The list of additional CAT 3/4 works prioritised to order in the next quarter is included in Appendix 6.

3. OTHER CONSIDERATIONS

- 3.1 Due to the constantly changing state of the highway and unpredictability in new matters arising or being brought to officers' attention, there may be a requirement to amend programmes to address emerging priorities.

4. FINANCIAL & RESOURCE APPRAISAL

- 4.1 The overall budget for Local Highway Maintenance is **£1.702m**.
- 4.2 The 2015/16 allocation for the Bradford West constituency as outlined in the initial devolution report to Area Committee is **£327,457**.
- 4.3 Spend this financial year to **30th September 2016** on all categories in the Constituency Area is **£130,000**, (40 % of indicative allocation) broken down as follows:-
- 4.4 **£25,000** has been spent on CAT 1/2 repairs.
- 4.5 **£105,000** has been spent on CAT 3/4 repairs including footway reconstruction and planned carriageway patching.

5. RISK MANAGEMENT AND GOVERNANCE ISSUES

- 5.1 Alterations to work programmes that have been prioritised in accordance with condition inspections and technical assessments may lead to increased insurance liabilities at a future date.

6. LEGAL APPRAISAL

- 6.1 The Council's powers in relation to highway maintenance are contained in the Highways Act 1980.
- 6.2 All works undertaken are carried out in the Council's capacity as highways authority under the Highways Act 1980.

7. OTHER IMPLICATIONS

7.1 EQUALITY & DIVERSITY

- 7.1.1 Due regard is given to Section 149 of the Equality Act 2010 when formulating a programme of Highway Maintenance repairs and in particular the need to ensure highway surfaces are safe for use by all users, including those with special requirements, is prioritised.

7.2 SUSTAINABILITY IMPLICATIONS

- 7.2.1 Proactive repairs such as surface dressing / micro asphalt / carriageway patching and other routine maintenance serve to extend carriageway life.

7.3 GREENHOUSE GAS EMISSIONS IMPACTS

- 7.3.1 There are no greenhouse gas implications arising from this report.

7.4 COMMUNITY SAFETY IMPLICATIONS

- 7.4.1 Maintenance of the local highway network is essential to ensure the safe passage of all road users.

7.5 HUMAN RIGHTS ACT

- 7.5.1 There are no human rights implications arising from this matter.

7.6 TRADE UNION

- 7.6.1 There are no trade union implications arising from this report.

7.7 WARD IMPLICATIONS

7.7.1 Improvements in carriageway conditions benefit all wards.

7.8 AREA COMMITTEE ACTION PLAN IMPLICATIONS

7.8.1 The development and implementation of schemes included in this report support priorities within the Bradford West Area Committee Ward Plans.

8. NOT FOR PUBLICATION DOCUMENTS

8.1 None.

9. OPTIONS

9.1 The Area Committee may request additional information / clarification on issues to be included in the next devolved budget report.

10. RECOMMENDATIONS

10.1 That the Bradford West Area Committee notes the current operational methods adopted for Local Highway Maintenance.

10.2 That the Bradford West Area Committee notes the indicative costs to date for the 2014/15 financial year.

10.3 That the Bradford West Area Committee approves the list of current and proposed CAT3/4 works as shown in Appendices 5 and 6.

11. APPENDICES

11.1 Appendix 1 - Work Undertaken as Part of the LHM Function.

11.2 Appendix 2 - Technical Staff Overview.

11.3 Appendix 3 - Operational Staff Overview.

11.4 Appendix 4 - CAT 1 and 2 Works Update.

11.5 Appendix 5 - Current CAT 3/4 Works List (completed and ordered).

11.6 Appendix 6 – Additional Cat 3/4 Works Prioritised to Order in Next Quarter.

12. Background Documents

12.1 Joint Report of the Director of Finance and Strategic Director of Environment and Sport to Corporate Overview & Scrutiny Committee 1 November 2012

12.2 Joint Report of the Director of Finance and Strategic Director of Environment and Sport to Corporate Overview & Scrutiny Committee, 10 April 2013 - Methodology for Allocation of Devolved Service Resources to the Five Area Committees.

- 12.3 Joint Report of the Director of Finance and Strategic Director of Environment and Sport to the meeting of Executive, 16 March 2013 – Methodology for Allocation of Devolved Service Resources to the Five Area Committees.
- 12.4 Report of the Strategic Director (Regeneration & Culture) to the meeting of Bradford West Area Committee, 21 November 2012 – The Transfer of Responsibility and Budgets to the Bradford West Area Committee for Decision Making – Highway Repairs.
- 12.5 Report of Strategic Director (Regeneration & Culture) to the meeting of Bradford West Area Committee, 10 July 2013 – The Transfer of Responsibility and Budget to the Bradford West Area Committee for Decision Making – Highway Repairs.

Appendix 1 – Work Undertaken as a Part of the LHM Function.

The following is a list of work types funded by the Local Highway Maintenance budget.

- CAT 1 Potholes reactive response - footway and carriageway.
- CAT 2 Defect response / patching - footway and carriageway.
- CAT 3/4 Repairs & works - footway and carriageway.
- Planned carriageway patching works.
- Kerbing, channelling and edging works.
- Large and small element footway repairs - block paving / flagging.
- Footway re-construction - taking up damaged flagged areas and replacing with tarmac.
- Highway Drainage repairs - exploratory trial holes, dig outs of blocked gullies, dyking, drainage connections, repairs to damaged culverts (including the cost of hiring specialist equipment/subcontractors for deep excavations).
- Emergency call out response - including road traffic accidents, recovery of dead animals, flooding, traffic management/road closures, dealing with requests from the Police, requests from Emergency Planning.
- Planned gully cleaning of 95,000 units across the district.
- Repairs to minor highway walling elements.
- Winter maintenance - Road gritting, footway gritting, ploughing, grit bins, etc. (separate budget but re-directs resources from above).

Staffing costs are also included within this budget.

Appendix 2 – Technical Staff Overview

Technical staff are currently deployed in each constituency area team reporting to the relevant Principal Engineer for Highway Maintenance.

Staffing is allocated in the following manner; *(Please note the roles and duties described are indicative only and do not represent the full spectrum of works carried out by individuals).*

Senior Engineer

- Co-ordinates the actions of the Highway Inspectors.
- Responds to queries and complaints from the public relating to Highway maintenance matters.
- Develops and co-ordinates network condition and works programme lists in conjunction with the major maintenance team.
- Investigates larger network issues across the constituency area.

Highway Inspector

- Responds to complicated complaints and issues on the highway network that require technical assessments.
- Undertakes driven and walked inspections of the network on a schedule basis.
- Undertakes general condition surveys.
- Works on a roaming basis across the constituency area.

Safety Inspectors

Four safety Inspectors operate across the whole of Bradford District working to a set inspection regime to comply with the requirements of the Councils insurance policy. These inspectors report to the Principal Engineer, Highway Maintenance, with CAT 1 & 2 repair works ordered as necessary – this supplements the LHM function.

NRASWA Inspector (Now reports to Principal Engineer Nraswa / Network Resilience)

- Inspects works carried out by statutory undertakers to ensure consistent standards of repair.
- Co-ordinates repairs with utilities.
- Works on a roaming basis across the constituency area.

Appendix 3 – Operational Staff Overview

Operational staff are contracted to work the following hours;

07.00 to 16.00 Monday – Thursday.

07.00 to 12.30 Fridays.

A standby crew is available on Friday afternoons and weekends to deal with emergency issues as and when they arise.

Operational Resources are deployed across the five constituency areas, reporting to 3 programme managers under the direct control of the DLO Operations Manager. At present, resources are allocated as follows for the operational areas of Bradford South/East/West and City Centre – 22 FTE operatives.

- Patching gang (6 FTE)

Work gangs carrying out planned patching of carriageways across the district in a structured manner, working on a 30 working day rotation between each of the constituency areas (with 10 working days each for Bradford West, East and South).

- Scheme gangs (7 FTE)

Work gang operating in each constituency area on a 45 working day rotation, carrying out larger repairs on tarmac areas, flagging, kerbing, highway drainage and miscellaneous issues on carriageway and footway (with 15 working days each for Bradford, West, East and South).

- CAT1 and 2 & City centre gang(s) (9 FTE)

Reactive crews dealing with complaints received from the public and issues raised by the area Highway Inspectors.

Category 1 work is deployed as necessary within 24 hours.

Category 2 work is carried out on a five day rotation as per the Councils standards for response.

- Sub contractors

Sub-contracted labour/personnel to augment/support operation staff plus hire equipment as necessary.

- Gully Cleansing Operations (3 Vehicles)

One vehicle based in the North and two vehicles based in the Southern constituency areas (Bradford West, East and South). These vehicles cover 95373 gullies across the district cleaning on average 80 gullies per day. Main arterial routes are cleaned annually and secondary routes and side roads are cleaned on average every two years. There is also a proactive and risk based approach to cleaning higher risk busy junctions and areas on a steep gradient.

Appendix 4

CAT1 and 2 Works Update – 01/04/16 to 30/09/16

Category 1 Defects

<i>BRAD WEST</i>	<u>Defect Description</u>	<u>Qty Received</u>
	GM C/WAY	4
	GM F/WAY	2
	RECHARGE	
	EMERGENCY WORKS	6
	POTHoles	
	OTHER	
	Area Total:	12

Notes

- Category 1 Defects are those that require immediate attention in order to ensure public safety.
- C/W Notifiable Cat 1 & 2 works are those requiring further investigation/breaking open the carriageway.
- GM C/Way and GM F/Way are defects picked up by highway inspection.
- Emergency Works covers missing/broken covers.
- Other works include referral to third parties (eg Statutory Undertakers) for action.

Category 2 Defects

<i>BRAD WEST</i>	<u>Defect Description</u>	<u>Qty Received</u>
	C/W NOTIFIABLE CAT 1 & 2	3
	F/W NOTIFIABLE CAT 1 & 2	19
	GM C/WAY	60
	GM F/WAY	45
	OTHER	
	GM DRAINAGE FAST NECKS	
	FLAGS BROKEN	
	FLAGS UNEVEN	
	POTHoles	12
	RECHARGE	
	EMERGENCY WORKS	210
	DETERIORATION OF SURFACE	
	GAPS IN PAVEMENT	
	Area Total:	349

Notes

- Category 2 Defects are those that require attention within five working days.
- Defects not completed within five working days require further investigations.
- C/W Notifiable Cat 1 & 2 works are those requiring further investigation/breaking open the carriageway.
- GM C/Way and GM F/Way are defects picked up by highway inspection.
- Emergency Works covers missing/broken covers.
- Other works include referral to third parties (eg Statutory Undertakers) for action.

Appendix 5 – Current CAT 3/4 Works List

The list below shows works completed and outstanding works ordered following assessment.

Ordered	Address	Stage Desc.	Description
03/07/2015	CECIL AVENUE	ORDERED	CAT 3 F/WAY REPAIRS - ROOTS LIFTNG TARMAC
17/07/2015	SHELDRAKE AVENUE	ORDERED	CR234145 CAT 3 F/WAY REPAIRS
11/11/2015	OAK LANE	ORDERED	CAT 3 F/WAY REPAIRS FROM JCT ST MARYS ROAD TO JCT ROSEBERY ROAD
23/02/2016	CUNLIFFE ROAD	ORDERED	CAT 3 P1. C/WAY PATCHING JCT THORNVILLE COURT P2. C/WAY PATCHING O/S LISTER COURT P3. C/WAY PATCHING NEAR L/C NO.3 P4. C/WAY PATCHING JCT MANNINGHAM LN
22/04/2016	REYNER HOUSE MEWS	COMPLETED	CAT 3 TAKE UP FLAGS TO TIP, MAKE SAFE WITH ROAD PLANINGS (VIA SAFETY INSPECTORS)
26/04/2016	ELLERCROFT AVENUE	COMPLETED	CAT 3 (GM SCHEME) P1. F/WAY REPAIRS O/S NO.3 P2. F/WAY REPAIRS FROM O/S NO.8 TO O/S NOS 23/25
26/04/2016	UPTON WALK	COMPLETED	CR 260476 CAT 3 F/WAY REPAIRS O/S NO.4 (FLAGS REQUIRED - 2 NO. 900 X 600)
10/05/2016	WALDEN DRIVE	COMPLETED	CR261129 CAT 3 P1. F/WAY REPAIRS O/S NOS 77 TO 83 P2. F/WAY REPAIRS FROM GALSWORTHY AVENUE TO NO.67 P3. F/WAY REPAIRS O/S NO.98
18/05/2016	SOUTHDOWN CLOSE	COMPLETED	CR 256833 CAT 3 F/WAY REPAIRS FULL LENGTH
10/06/2016	ALLERTON ROAD	ORDERED	CR262856 CAT 3 F/WAY REPAIRS & PROVIDE & LAY EDGING (TIME RESTRICTIONS) BETWEEN 9.30 AND 15.00
10/06/2016	DUCKWORTH GROVE	COMPLETED	CAT 3 C/WAY REPAIRS
15/06/2016	SANDRINGHAM ROAD	COMPLETED	CAT 3 F/WAY REPAIRS O/S NOS 21-23
20/06/2016	RHODESWAY	COMPLETED	CR 263348 CAT 3 REMOVE DANGEROUS FLAG AND FILL VOID WITH PLANINGS O/S NO.58 ON VERGE
20/06/2016	SANDRINGHAM ROAD	COMPLETED	CAT 3 P1. F/WAY REPAIRS FROM NO.8 TO SANDRINGHAM CLOSE P2. F/WAY REPAIRS FROM NOS 10-12 SANDRINGHAM ROAD P3. F/WAY REPAIRS O/S NO.16 SANDRINGHAM ROAD
22/06/2016	NESFIELD STREET	COMPLETED	CAT 3 P1. C/WAY REPAIRS O/S SFC P2. C/WAY REPAIRS O/S BLOSSOM NURSERY AND MOSQUE (VIA SAFETY INSPECTORS)

05/07/2016	HUNTERS PARK AVENUE	COMPLETED	CAT 3 F/WAY REPAIRS FROM NOS 118 TO 142
05/07/2016	KIRKSTALL GROVE	COMPLETED	CR 264154 CAT 3 F/WAY REPAIRS FULL LENGTH
05/07/2016	QUEENS ROAD	COMPLETED	CAT 3 F/WAY REPAIRS, REMOVE TREE ROOTS, RELAY KERBS
19/07/2016	HAWORTH ROAD	COMPLETED	CR 263628 CAT 3 F/WAY REPAIRS O/S NO.23
19/07/2016	PASTURE CLOSE	COMPLETED	CAT 3 F/WAY REPAIRS FROM NO.15 TO MAYTHORNE DRIVE
20/07/2016	THORNTON ROAD	ORDERED	CR 263825 CAT 3 Between 9.30 and 15.00 Spoil removed daily
20/07/2016	WILSDEN ROAD	ORDERED	CR 264505 CAT 3 Between 9.30 and 15.00 P1. F/WAY REPAIRS
22/07/2016	BRANTWOOD DRIVE	ORDERED	CR 266043 CAT 3 F/WAY REPAIRS OPP NO.86
28/07/2016	OLD ROAD	COMPLETED	CAT 3 REPLACE MANHOLE COVER AND FRAME OPP NO.122
29/07/2016	BACK LANE	COMPLETED	CR265010 CAT 3 C/WAY & KERB REPAIRS
18/08/2016	GREEN END	ORDERED	CAT 3 C/WAY REPAIRS O/S WHITNEYS ESTATE AGENTS WORKS TO BE CARRIED OUT BETWEEN 09.30 AND 15.00
18/08/2016	CHELLOW GRANGE ROAD	COMPLETED	CR 266686 CAT 3 PROVIDE, LAY AND RELAY FLAGS O/S NO.41
19/08/2016	FAIRBANK ROAD	ORDERED	CR 266531 CAT 3 F/WAY REPAIRS OVER TREE ROOTS S/O NO.124
19/08/2016	LYNTON AVENUE	ORDERED	CR 266433 CAT 3 F/WAY REPAIRS FROM NOS 6-10
19/08/2016	RHODESWAY	ORDERED	CR 259357 CAT 3 RELAY FLAGS AND REPOINT STEPS WHERE INDICATED O/S NO.189
22/08/2016	IVANHOE ROAD	COMPLETED	CAT 3 F/WAY REPAIRS (VIA SAFETY INSPECTION)
22/08/2016	LYNFIELD DRIVE	ORDERED	CR267956 CAT 3 F/WAY REPAIRS
22/08/2016	YORK STREET	COMPLETED	CAT 3 C/WAY REPAIRS (VIA SAFETY INSPECTION) SECTION OF C/WAY AT J/O MUNBY STREET
22/08/2016	YORK STREET	COMPLETED	CAT 3 F/WAY REPAIRS/PATCHING (VIA SAFETY INSPECTION).
23/08/2016	LYNTON DRIVE	ORDERED	CAT 3 F/WAY REPAIRS FROM WHEATLANDS GROVE TO WHEATLANDS DRIVE
23/08/2016	BRADFORD ROAD	ORDERED	CR 266991 CAT 3 Between 9.30 and 15.00 Spoil to be removed daily F/path to be closed while works are ongoing
02/09/2016	HORTON GRANGE ROAD	COMPLETED	CAT 3 C/WAY REPAIRS - HRA W/C @ 40mm ALL PATCHES (PERMIT 05/09/2016 - 07/09/2016)
02/09/2016	INGLEBY ROAD	COMPLETED	CAT 3 C/WAY REPAIRS - HRA W/C @ 40mm (TIME RESTRICTIONS) 9.30 - 15.00 SPOIL REMOVED DAILY FROM SITE
02/09/2016	WHETLEY LANE	ORDERED	CAT 3 C/WAY REPAIRS - HRA W/C @ 40mm ALL PATCHES (TIME RESTRICTIONS) 9.30 - 15.00

02/09/2016	GREAT HORTON ROAD	ORDERED	CAT 3 P1. F/WAY REPAIRS OPP NO.405 AT BUS STOP P2. F/WAY REPAIRS JCT TOWN END P3. F/WAY REPAIRS JCT TOWN END P4. F/WAY REPAIRS O/S ALI HAIRDRESSERS
02/09/2016	THORNTON ROAD	COMPLETED	CAT 3 C/WAY REPAIRS HRA W/C @ 40mm P4. ADJUST GULLY (4 X PATCHES) (TIME RESTRICTIONS) 9.30 - 15.00
02/09/2016	THORNTON ROAD	ORDERED	CAT 3 C/WAY REPAIRS, ADJUST MANHOLE, HYDRANT AND S/T BOX (TIME RESTRICTIONS) 09.30 - 15.00
02/09/2016	GREAT HORTON ROAD	ORDERED	CAT 3 P1. REINSTATE AREA OF HRA C/WAY AND VEHICULAR CROSSING AREA O/S & S/O NO.611 (USE HRA ON F/WAY IF CONVENIENT. VEHICULAR CROSSING DEPTH FOR BASE COURSE)
09/09/2016	JACKDAW CLOSE	ORDERED	CR269213 CAT 3 RELAY BLOCK PAVING AND PROVIDE BLOCK PAVING (APPROX 20 BRINDLE CONCRETE BLOCK PAVERS REQUIRED)
23/09/2016	ASHWELL ROAD	ORDERED	CR270062 CAT 3 F/WAY REPAIRS
23/09/2016	OLD ROAD	ORDERED	CAT 3 F/WAY REPAIRS
23/09/2016	HOYLE ING ROAD	ORDERED	CAT 3 C/WAY PATCHING 40mm WEARING COURSE ALL PATCHES
26/09/2016	RUGBY PLACE	ORDERED	CR270318 CAT 3 COLLECT BOLLARD FROM DEPOT AND INSTALL IN ORIGINAL LOCATION
27/09/2016	HOME VIEW TERRACE	ORDERED	CR265806 CAT 3 F/WAY PATCHES

Appendix 6 – Additional Cat 3/4 Works Prioritised to Order in Next Quarter

Site	Ward	Proposed Works
Clayton Lane	City	Carriageway patching
Back Roslyn Place	City	Carriageway patching
Spencer Road	City	Footway resurface between 49 & 61
Crescent Walk	Clayton and Fairweather Green	Footway resurfacing
Green End, Clayton	Clayton and Fairweather Green	Carriageway patching
Hedge Way, Daisy Hill	Clayton and Fairweather Green	Kerbing works prior to resurfacing
Pasture Lane, Clayton	Clayton and Fairweather Green	Drainage investigation - Road flooding
Aireville Crescent, Frizinghall	Heaton	Footway reconstruction - Continuation
High Park Crescent	Heaton	Footway resurfacing
Woodale Avenue, Heaton	Heaton	C/way patching & drainage Investigation
Carlisle Road	Manningham	Footway resurfacing
North Avenue	Manningham	Lift centre kerbs to prevent flooding
Wilmer Road, Heaton	Manningham	Carriageway patching
Allerton Grange Dr, Allerton	Thornton and Allerton	Carriageway patching
Prune Park Lane, Allerton	Thornton and Allerton	Drainage works to prevent road from flooding
Thornton Road, o/s St James's Church	Thornton and Allerton	Footway Reconstruction
Wimborne Drive, Allerton	Thornton and Allerton	Footway Reconstruction
Durham Road	Toller	Footway repairs
Lynton Drive	Toller	Footway Reconstruction
Thorn Lane, Heaton	Toller	Lift Centre Kerbs to prevent flooding