

Report of the Strategic Director of Regeneration to the meeting of the Bradford South Area Committee to be held on 22nd September 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 South 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 2016/17 allocation for the Bradford South constituency as outlined in the initial devolution report to Area Committee is **£311,709**.
- 4.3 Spend this financial year to **31st August 2016** on all categories in the Constituency Area is **£126,300**, (**40.5 %** of indicative allocation) broken down as follows:-
 - 4.4 **£37,300** has been spent on CAT 1/2 repairs.
 - 4.5 **£89,000** 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 South 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 South Area Committee notes the current operational methods adopted for Local Highway Maintenance.
- 10.2 That the Bradford South Area Committee notes the indicative costs to date for the current financial year.
- 10.3 That the Bradford South 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 South Area Committee, 22 November 2012 – The Transfer of Responsibility and Budgets to the Bradford South Area Committee for Decision Making – Highway Repairs.
- 12.5 Report of Strategic Director (Regeneration & Culture) to the meeting of Bradford South Area Committee, 28 March 2013 – The Transfer of Responsibility and Budget to the Bradford South 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 31/08/16

Category 1 Defects

<i>BRAD SOUTH</i>	<u>Defect Description</u>	<u>Qty Received</u>
CAT 1	GM C/WAY	2
	GM F/WAY	5
	RECHARGE	
	EMERGENCIES	17
	NOTIFIABLE C/WAY MINOR	
	NOTIFIABLE F/W MINOR	
	OTHER	
	Area Total:	24
CAT 1F	EMERGENCY WORKS	
	GM F/WAY	
	NOTIFIABLE F/W MINOR	
	Area Total:	

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 SOUTH</i>	<u>Defect Description</u>	<u>Qty Received</u>
	C/W NOTIFIABLE MINOR	13
	F/W NOTIFIABLE MINOR	15
	GM C/WAY	18
	GM F/WAY	42
	DETERIORATION OF SURFACE	1
	POTHoles	12
	EMERGENCIES	223
	Area Total:	324

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.

Address	Date Originated	Stage	Description
FOXHILL GROVE	20/07/2016	ORDERED	CR 265698 CAT 3 RENEW FAILING VEHICLAR CROSSING O/S NOS 3 AND 5
BREWERY LANE	21/04/2016	COMPLETED	CR 260312 CAT 3 C/WAY PATCH JCT PENNINE CLOSE
HIGHGATE ROAD	19/08/2016	ORDERED	CAT 3 C/WAY REPAIRS OPP NO86 AT THE BUS STOP NEAR BROOKS TERR (DOUBLE UP BASE COURSE FOR FAILING BUS STOP AREA HRA SURFACE COURSE)
EXLEY MOUNT	27/06/2016	ORDERED	CAT 3 P1. F/WAY REPAIRS FROM NOS 18 TO 24 P2. F/WAY REPAIRS O/S NOS 10 TO 12 P3. F/WAY REPAIRS O/S NOS 1 TO 11
GLENBROOK DRIVE	03/06/2016	COMPLETED	CAT 3. MJ. **F/WAY REPAIRS & ADJUST 13 X SMALL BOXES & 1 X MEDIUM BOX*
KENLEY PARADE	13/06/2016	ORDERED	CR 262962 CAT 3 F/WAY REPAIRS S/O NO.2 BELDON PARK CLOSE
REEVY AVENUE	07/03/2016	ORDERED	CONTACT FOR FULL DETAILS
REEVY ROAD	28/06/2016	ORDERED	CAT 3 F/WAY REPAIRS REPLACE DETERIORATED MACADAM AND PROVIDE CONCRETE EDGINGS IF NO SUITABLE EDGING FOUND
REEVY ROAD	20/06/2016	SELECTED	GH PROJ PURPLE HOURS REF 103357 - IMPROVEMENTS TO MINI ROUNDABOUT
HARBOUR ROAD	15/06/2016	ORDERED	CAT 3 P1. C/WAY PATCH JCT BUTTERSHAW LANE P2. C/WAY PATCH OPP L/C NO.1 P3. C/WAY PATCH OPP NO.1 P4. C/WAY PATCH OPP NO.17 P5. C/WAY PATCH JCT RAEBURN DRIVE
HARBOUR ROAD	03/06/2016	COMPLETED	CAT 3 C/WAY PATCH - TO BE DONE AT SAME TIME AS ORDER FOR VERDON ROAD
VERDUN ROAD	03/06/2016	COMPLETED	CAT 3 C/WAY PATCH
EDGEBANK AVENUE	16/06/2016	COMPLETED	CAT 3 F/WAY REPAIRS JCT FENWICK DRIVE (BY L/C NO.11)
ANNE STREET	23/06/2016	COMPLETED	CAT 3 TAKE OUT CONCRETE FLAGSTONES AND REPLACE WITH BITMAC FROM JCT HOLLYBANK ROAD TO O/S NO.16
COMMON ROAD	03/06/2016	COMPLETED	CAT 3 C/WAY PATCH AROUND SPEED CUSHIONS - LEAVE CUSHIONS IN PLACE
GREAT HORTON ROAD	19/08/2016	ORDERED	CAT 3 P1 REINSTATE AREA OF HRA C/WAY AND VEHICULAR CROSSING AREA O/S & S/O NO.611 ACCESS ROAD OPP BARTLE LANE (USE HRA ON F/WAY IF CONVENIENT. VEHICULAR CROSSING DEPTH FOR BASE COURSE
GREAT HORTON ROAD	17/08/2016	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

BROOKSBANK AVENUE	07/12/2015	ORDERED	CAT 3 P1. RELAY CONCRETE FLAGS O/S NO.2 P2. RELAY FLAGS O/S NO.2 P3. F/WAY REPAIRS O/S NO.35 P4. F/WAY REPAIRS O/S NO.41
SCHOLEMOOR AVENUE	07/12/2015	ORDERED	CAT 3 RELAY FLAGS O/S NO.40 (HAZARD IDENTIFIED BY SAFETY INSPECTORS - PLEASE PRIORITISE)
HUDDERSFIELD ROAD	30/09/2015	ORDERED	CAT 3 P1. C/WAY REPAIRS FROM NO.656 TO NO.694 P2. C/WAY REPAIRS O/S NOS 622 TO 626 P3. C/WAY REPAIRS O/S NO.620 P4. C/WAY REPAIRS O/S NO.616 P5. C/WAY REPAIRS
CLECKHEATON ROAD	23/12/2015	ORDERED	CAT 3 P1. C/WAY REPAIRS OPP NO.802 P2. C/WAY REPAIRS OPP NO.802 P3. C/WAY RPAIRS OPP NO.802 P4. C/WAY REPAIRS O/S NO.781 P5. C/WAY REPAIRS O/S NO.740 P6. C/WAY REPAIRS
CARR BOTTOM AVENUE	18/02/2016	ORDERED	CR 256880 CAT 3 (NCT's - NCT2a, NCT5a, NCT6a) (PLEASE PRIORITISE) VARIOUS PATCHES REQUIRED TO MAKE AREAS SAFE FROM NO.56
BOY LANE	26/02/2016	ORDERED	CAT 3 (NCT11a - PERMIT NUMBER) C/WAY PATCHING JCT BIERLEY LANE
SHETCLIFFE LANE	26/02/2016	COMPLETED	CAT 3 P1. C/WAY PATCHING NEAR L/C NO.25 P2. C/WAY PATCHING OPP SUBSTATION P3. C/WAY PATCHING OPP L/C NO.26 P4. C/WAY PATCHING
POT HOUSE ROAD	01/03/2016	COMPLETED	CR257533 CAT 3 F/WAY & GULLY REPAIRS
PARK BOTTOM	23/03/2016	COMPLETED	CAT 3 JET HIGHWAY DRAINS USING HAIGHS
STAITHGATE LANE	22/03/2016	COMPLETED	CAT 3 NEW 150MM GULLY COVER & FRAME REQUIRED SUNDAY WORKING
CHASE WAY	22/03/2016	COMPLETED	CAT 3 NEW 150MM COVER & FRAME REQUIRED - SUNDAY WORKING (NCT2a - SUNDAY WORK. NCT10a - LANE CLOSURE)
ST PAULS AVENUE	31/03/2016	ORDERED	CR 259698 CAT 3 P1. REPAIRS TO SPEED BUMP PLATEAU NEAR L/C NO.9 NEAR SCHOOL P2. REPAIRS TO SPEED BUMP PLATEAU NEAR L/C NO.7 NEAR CHURCH
CLECKHEATON ROAD	11/04/2016	ORDERED	C/WAY PATCHING
BALME LANE	13/04/2016	COMPLETED	VIA CR260566 CAT 3 F/WAY REPAIRS OPP NO.20
BREWERY LANE	21/04/2016	COMPLETED	CR 260312 CAT 3 C/WAY PATCH JCT PENNINE CLOSE
NORTH ROAD	21/04/2016	ORDERED	PRE-SURFACE DRESSING PATCHING
WHEATER ROAD	24/04/2016	ORDERED	SURFACE DRESSING PATCHING BY STREET SCENE

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

SITE	WARD	PROPOSED WORKS
Silver Birch Ave/Drive	Wyke	Footway refurbishment
Clare Road	Wyke	Footway refurbishment
Elizabeth Close	Wyke	Footway refurbishment
Perseverance Street	Wyke	Footway refurbishment
Rockhill Lane	Tong	Carriageway patching
Knowles Lane	Tong	Carriageway patching
Currer Avenue	Tong	Carriageway patching
Newhall Road	Tong	Carriageway patching
Dorchester Crescent	Tong	Carriageway patching
Reevy Road (Part)	Royds	Footway resurfacing
Exley Mount (Part)	Great Horton	Footway refurbishment
Southmere Drive (Part)	Great Horton	Footway refurbishment
Corporal Lane/Green Lane	Queensbury	Carriageway Patching
Pennine Close	Queensbury	Install new gullies (Flooding)
Harbour Road	Royds	Carriageway patching
Raeburn Drive	Royds	Footway refurbishment