

Report of the Strategic Director of Place to the meeting of the Bradford East Area Committee to be held on 14th September 2017

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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.

Steve Hartley
Strategic Director
Place

Portfolio:

Regeneration, Planning and Transport

Report Contact: Andrew Whelan
Principal Engineer Highway Maintenance
Phone: (01274) 434409
E-mail: andrew.whelan@bradford.gov.uk

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 East 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 **£1.541m**.
- 4.2 The 2015/16 allocation for the Bradford East constituency as outlined in the initial devolution report to Area Committee is **£288,917**.
- 4.3 Spend this financial year to **31st July 2017** on all categories in the Constituency Area is **£60,000**, (21% of indicative allocation) broken down as follows:-
 - 4.4 **£20,000** has been spent on CAT 1/2 repairs.
 - 4.5 **£40,000** 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 East 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 East Area Committee notes the current operational methods adopted for Local Highway Maintenance.
- 10.2 That the Bradford East Area Committee notes the indicative costs to date for the current financial year.
- 10.3 That the Bradford East 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 East Area Committee, 22 November 2012 – The Transfer of Responsibility and Budgets to the Bradford East Area Committee for Decision Making – Highway Repairs.
- 12.5 Report of Strategic Director (Regeneration & Culture) to the meeting of Bradford East Area Committee, 23 July 2013 – The Transfer of Responsibility and Budget to the Bradford East 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 – 1st April to date.

Category 1 Defects

<i>BRAD EAST</i>	<u>Defect Description</u>	<u>Qty Received</u>
	GM C/WAY	5
	GM F/WAY	1
	EMERGENCY WORKS	1
	POTHOLE	
	OTHER	
	Area Total:	7

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 EAST</i>	<u>Defect Description</u>	<u>Qty Received</u>
	C/W NOTIFIABLE CAT 1 & 2	
	F/W NOTIFIABLE CAT 1 & 2	
	GM C/WAY	10
	GM F/WAY	18
	OTHER DEFECTS	1
	FLAGS UNEVEN	1
	KERBS BROKEN	1
	KERBS UNEVEN	1
	IRONWORK UNEVEN	1
	GAPS IN PAVEMENT	1
	EMERGENCY WORKS	52
	Area Total:	86

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	District	Originated	L.A.Code	Stage	Description
SYCAMORE CLOSE	BARKEREND	02/02/2017	889665	COMPLETED	OUTSIDE NO 86 - POSITION BOULDER BACK INTO PLACE TO DENY VEHICLE ACCESS.
BUCK STREET	BRADFORD	09/02/2017	889787	ORDERED	OUTSIDE KINGS CAR WASH - RAISE GULLY, 6MM WC @ 40MM DEEP, 20MM BASE COURSE @ 60MM DEEP
ROWTON THORPE	ECCLESHILL	13/02/2017	889870	COMPLETED	LAMP COLUMN NO 1 TO HOUSE NO 4 - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP
BOLINGBROKE STREET	LITTLE HORTON	13/02/2017	889875	COMPLETED	OUTSIDE NO 64 BOLINGBROKE STREET - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP, FLAGS OUT TO TIP
SPRINGWOOD AVENUE	WEST BOWLING	13/02/2017	889873	COMPLETED	NOS 27-37 - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP, FLAGS OUT TO TIP, RAISE HYDRANT, RAISE MANHOLE
STONY LANE	ECCLESHILL	13/02/2017	889874	ORDERED	JUNCTION OF POST OFFICE ROAD - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP, FLAGS OUT TO TIP, RAISE STOP TAP
NEW LINE	GREENGATES	20/02/2017	889984	COMPLETED	SAFETY INSPECTION F/W REPAIRS PLANE OUT AND RELAY CROSSING
SILVERHILL DRIVE	BRADFORD MOOR	01/03/2017	890067	COMPLETED	JUNCTION WITH SILVERHILL ROAD (SIDE OF NO 84 SILVERHILL ROAD) - INSTALL BLACK MANCHESTER BOLLARD
ROXBY STREET	LITTLE HORTON	01/03/2017	890090	COMPLETED	OUTSIDE NO 38 -40 - FLAGS OUT TO TIP, 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP
REDCAR ROAD	ECCLESHILL	01/03/2017	890112	COMPLETED	OUTSIDE NURSERY NEAR JUNCTION OF NEW LINE - TAKE OUT CONCRETE BOLLARD AND DISPOSE

TENTERFIELDS	APPERLEY BRIDGE	02/03/2017	890117	COMPLETED	JUNCTION OF THE LEAVENS- TARMAC PATCH CARRIAGEWAY
OXFORD ROAD	UNDERCLIFFE	02/03/2017	890135	COMPLETED	FROM PEEL PARK DRIVE TO NO 43 OXFORD ROAD - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP, STOP TAP
AIREDALE ROAD	UNDERCLIFFE	22/03/2017	890432	COMPLETED	BETWEEN NOS 9-21 - 6MM WC @ 40MM DEEP
RIBBLETON GROVE	BARKEREND	22/03/2017	890430	COMPLETED	NEAR JUNCTION OF BROOKFIELD ROAD - 6MM WC @ 40MM DEEP X 3
RUSHTON ROAD	THORNBURY	22/03/2017	890431	COMPLETED	JUNCTION OF LEEDS OLD ROAD - TAKE OUT AND RESET BOLLARD
NEW HEY ROAD	EAST BOWLING	22/03/2017	890433	COMPLETED	JUNCTION OF BRASSEY ROAD - 6MM WC @ 40MM DEEP
NORMAN AVENUE	ECCLESHILL	22/03/2017	890434	COMPLETED	FROM NOS 37-49 - 6MM WC @ 40MM DEEP
NORMAN GROVE	ECCLESHILL	22/03/2017	890435	COMPLETED	FROM WESTWOOD GROVE TO NORMAN AVENUE - 6MM WC @ 40MM DEEP X 6
MOUNT STREET	LAISTERDYKE	29/03/2017	890533	ORDERED	PATCH 1 - JUNCTION OF MULGRAVE STREET FOOTPATH - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP PATCH 2 - OUTSIDE RSPCA
MULGRAVE STREET	BRADFORD	29/03/2017	890532	ORDERED	PATCH 1 - OUTSIDE RANDISI TEXTILE (NR JUNCTION OF MOUNT STREET) - 6MM GRITSTONE WC @ 20MM DEEP, 20MM BASE COURSE @ 60MM DEEP
LENTON VILLAS	THACKLEY	30/03/2017	890599	COMPLETED	OUTSIDE NO 14 - RELAY FLAGS, FLAGS TO TIP (2 FLAGS 0.9 X 0.6), NEW FLAGS (2 FLAGS 0.9 X 0.6)

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

SITE	WARD	PROPOSED WORKS	COMMENTS
Marlborough Road	Idle and Thackley	Footway refurbishment	
Reginald St	Little Horton	Footway refurbishment	
Gladstone St j/o Harewood Street	Bradford Moor	Footway refurbishment	
Curzon Road j/o Folkestone St	Bradford Moor	Footway refurbishment	
Briarfield Ave	Idle and Thackley	Footway refurbishment	
Broad Lane	Bowling and Barkerend	Carriageway patching	
Brookfield Road area	Bowling and Barkerend	Carriageway patching	
Laisterdyke	Bowling and Barkerend	Carriageway patching	
Bank	Eccleshill	Carriageway patching	
Farm Hill Road	Eccleshill	Carriageway patching	