

# Report of the Strategic Director of Regeneration to the meeting of the Bradford East Area Committee to be held on 15<sup>th</sup> September 2015

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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 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 **£1.702m**.
- 4.2 The 2015/16 allocation for the Bradford East constituency as outlined in the initial devolution report to Area Committee is **£319,115**.
- 4.3 Spend this financial year to **31<sup>st</sup> August 2016** on all categories in the Constituency Area is **£134,000**, (42% of indicative allocation) broken down as follows:-
  - 4.4 **£31,200** has been spent on CAT 1/2 repairs.
  - 4.5 **£103,000** 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 current operational methods adopted for Local Highway Maintenance be noted.

10.2 That the indicative costs to date for the current financial year be noted.

10.3 That the list of current and proposed CAT3/4 works as shown in Appendices 5 and 6 be approved.

## **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.

### New Roads and Street Works Act (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 EAST</i>	<u>Defect Description</u>	<u>Qty Received</u>
	GM C/WAY	4
	GM F/WAY	2
	EMERGENCY WORKS	6
	POTHoles	
	OTHER	
	<b>Area Total:</b>	<b>12</b>

#### 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>	<b><u>Defect Description</u></b>	<b><u>Qty Received</u></b>
	C/W NOTIFIABLE CAT 1 & 2	
	F/W NOTIFIABLE CAT 1 & 2	
	GM C/WAY	8
	GM F/WAY	46
	OTHER	
	FLAGS BROKEN	
	FLAGS UNEVEN	
	POTHoles	11
	RECHARGE	
	EMERGENCY WORKS	261
	<b>Area Total:</b>	<b>326</b>

**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
BROMPTON ROAD	EAST BOWLING	07/12/2015	883425	COMPLETED	CAT 3 P1. RELAY LOOSE FLAGSTONES ON F/PATH O/S NOS 18/19 ASH HILL WALK P2. RELAY LOOSE FLAGSTONES ON F/PATH R/O NOS 19/21 BROMPTON ROAD**
LEEDS ROAD	THORNBURY	08/12/2015	883433	COMPLETED	CAT 3 CLEAN OUT AND JET ALL BEANY BLOCKS WITH GULLY WAGON NDF FURNITURE ON LEEDS ROAD JCT SHIPLEY AIREDALE ROAD
MOOR PARK DRIVE	BRADFORD MOOR	09/12/2015	883461	ORDERED	CAT 3 ORDER ISSUED FOR SIDE OF LAMP COL NO 1 MOOR PARK DRIVE NEAR JUNCTION OF SILVERHILL ROAD - TARMAC PATCH
KILLINGHALL ROAD	BRADFORD	09/12/2015	883463	ORDERED	CAT 3 ORDER ISSUED FOR O/S NO 297 KILLINGHALL ROAD - TARMAC PATCH TO STOP WATER POOLING
SILVERHILL ROAD	BRADFORD MOOR	09/12/2015	883462	ORDERED	CAT 3 ORDER ISSUED FOR SILVERHILL ROAD P1. SIDE OF 44 BARING AVE TARMAC PATCH OVER TREE ROOTS, REMOVING EDGING TO TIP, LAY TYPE 2 STONE IN THE AREA OF THE FORMER TREE PIT
PARK ROAD	ECCLESHILL	14/12/2015	883500	ORDERED	CAT 3 TARMAC PATCH WHERE TREE ROOT IS CAUSING TRIPPING HAZARD NEAR BOTTOM OF PARK ROAD AT PLAYGROUND ENTRANCE
DUNKHILL CROFT	IDLE	06/01/2016	883715	COMPLETED	CR 252143 CAT 3 DUNKHILL CROFT O/S NO 3 FULL WIDTH OF CARRIAGEWAY - RESET BLOCK PAVERS
MANCHESTER ROAD	BRADFORD	08/01/2016	883813	ORDERED	CAT 3 REINSTATE DEFECTIVE AREA OF RED MACADAM NEAR TO TRAFFIC LIGHTS BOTTOM OF SLIP ROAD FROM ODSAL TOP INBOUND
KIPLING COURT	GREENGATES	12/01/2016	883929	ORDERED	CR 251108 CAT 3 P1. WEARING COURSE ON F/PATH FROM O/S NO.25 TO END OF CUL-DE-SAC P2. REPAIRS TO KERBS ON F/PATH FROM O/S NOS 25-34 TO NOS 35-38
GAYTHORNE ROAD	WEST BOWLING	20/01/2016	883954	ORDERED	CR NO 252075 CAT 3 GAYTHORNE ROAD O/S ST STEPHENS SCHOOL GATES TARMAC PATCH TO STOP WATER POOLING
HARROGATE ROAD	BRADFORD	20/01/2016	883955	COMPLETED	CR NO 253321 CAT 3 HARROGATE ROAD O/S CORAL BOOKMAKERS NO 909 TARMAC PATCH TO STOP WATER POOLING UNEVEN SURFACE

Report to the Bradford East Area Committee

HARROGATE ROAD	BRADFORD	25/01/2016	884058	ORDERED	CR NO 253321 CAT 3 HARROGATE ROAD O/S CHILLI CHICKEN NO 907 TARMAC PATCH
WELHAM WALK	UNDERCLIFFE	04/02/2016	884210	ORDERED	CAT 3 ORDER ISSUED TO STREET SCENE FOR SIDE OF NO 28 WELHAM WALK - RELAY LOOSE FLAG TO MAKE SAFE, RELAY LOOSE FLAG TO MAKE SAFE
SYCAMORE CLOSE	BARKEREND	05/02/2016	884312	ORDERED	CAT 3 ORDER ISSUED FOR SIDE OF NO 43 SYCAMORE CLOSE, RELAY LOOSE FLAGS TO MAKE SAFE (ONE BROKEN TO BE REPLACED)
EVENS TERRACE	WEST BOWLING	11/02/2016	884491	ORDERED	CAT3 ORDER ISSUED TO STREET SCENE FOR REAR OF NO 22 EVENS TERRACE. RELAY FLAGS UNEVEN
POLLARD LANE	UNDERCLIFFE	17/02/2016	884493	COMPLETED	CAT 3 ORDER ISSUED FOR POLLARD LANE AT THE JUNCTION OF KILLINGHALL ROAD REMOVE THE WOODEN BENCH AND ANY TRIPPING HAZARD
HIGHFIELD ROAD	IDLE	17/02/2016	884494	ORDERED	CAT 3 ORDER ISSUED FOR HIGHFIELD ROAD IDLE (OPPOSITE TOWNGATE FISHERIES) RELAY SETS AROUND BOLLARD
BOLLING ROAD	WEST BOWLING	25/02/2016	884639	COMPLETED	CAT 3 ORDER ISSUED FOR BOLLING ROAD (NEAR ROUNDABOUT OF MILL LANE OPPOSITE ENTRANCE TO FUTURE HOUSE)
CANTERBURY AVENUE	LITTLE HORTON	24/02/2016	884661	ORDERED	CR NO 255625 ORDER ISSUED FOR REAR OF NO 1 CANTERBURY AVENUE - REPLACE COVER AND FRAME OF GULLY
FAGLEY ROAD	FAGLEY	24/02/2016	884682	ORDERED	CAT 3 VARIOUS C/WAY REPAIRS
LEEDS ROAD	THORNBURY	22/02/2016	884746	ORDERED	CAT 3 CLEAN OUT AND JET ALL BEANY BLOCKS WITH GULLY WAGON S/O 'NDF' FURNITURE ON LEEDS ROAD JCT SHIPLEY AIREDALE ROAD
ROXBY STREET	LITTLE HORTON	29/02/2016	884766	COMPLETED	CR NO 257385 O/S NO 36 ROXBY STREET - RELAY LOOSE FLAG
BYRON STREET	BARKEREND	04/03/2016	884777	ORDERED	
CROSS ROAD	IDLE	01/03/2016	884800	ORDERED	CAT 3 C/WAY REPAIRS
BROADWAY AVENUE	LITTLE HORTON	01/03/2016	884839	ORDERED	CAT 3 C/WAY PATCHING - ALL 40mm DEPTH - TOTAL AREA 112.67, UP TO 5m2 = 40.44, OVER 5m2 = 72.23
ELSWORTH AVENUE	BRADFORD MOOR	22/03/2016	885185	COMPLETED	CAT 3 ORDER ISSUED FOR ELSWORTH AVENUE O/S NO 8 - TARMAC PATCH
PALEY ROAD	EAST BOWLING	24/03/2016	885222	ORDERED	CR NO 259101 ORDER ISSUED FOR PALEY ROAD JUNCTION OF WAKEFIELD ROAD REPLACE COPING STONE ON WALL

PULLAN AVENUE	ECCLESHILL	24/03/2016	885223	COMPLETED	CAT 3 ORDER ISSUED FOR PULLEN AVENUE ROUNDABOUT REMOVE BRICK/KERBSTONE MARKED WITH 'X' AROUND ROUNDABOUT
NEW HEY ROAD	EAST BOWLING	24/03/2016	885227	COMPLETED	CR NO 259491 ORDER ISSUED FOR NEW HEY ROAD (NEAR JUNCTION OF LISTER STREET) INSTALL GLADSTONE BOLLARD
BRADFORD ROAD	IDLE	01/04/2016	885340	COMPLETED	CAT3 MATERIALS FOR FLOODING WORK AT IDLECROFT ROAD (ADHOC INSPECTION)
MAVIS STREET	BARKEREND	01/04/2016	885418	ORDERED	SIGNS TO COLLECT
BACK HOLME STREET	LITTLE HORTON	07/04/2016	885526	ORDERED	CR NO 248537 ORDER ISSUED FOR REAR OF NO 20 HOLME STREET REPLACE COVER AND FRAME OF GULLY
BACK FOLKESTONE ST	BRADFORD	08/04/2016	885528	COMPLETED	CR NO 259803 ORDER ISSUED FOR REAR OF NO 56 FOLKESTONE STREET REPLACE COVER AND FRAME OF GULLY
WROSE AVENUE	WROSE	14/04/2016	885571	COMPLETED	CAT 3 ORDER ISSUED FOR WROSE AVENUE FOOTPATH BETWEEN NOS 12-14 TARMAC FOOTPATH AS MARKED
HAMPTON PLACE	IDLE	20/04/2016	885690	ORDERED	CR NO 260728 ORDER ISSUED FOR OUTSIDE NO 15 HAMPTON PLACE IDLE RELAY FLAGS TO MAKE SAFE
HEATH TERRACE	BRADFORD MOOR	26/04/2016	885766	COMPLETED	CR NO 261066 ORDER ISSUED FOR OUSIDE NO 150 HEATH TERRACE RELAY ONE RADIUS KERBSTONE
ST HILDAS TERRACE	THORNBURY	29/04/2016	885811	COMPLETED	CAT 3 ORDER ISSUED FOR ST HILDA'S TERRACE OUTSIDE NO 21 END OF CUL-DE-SAC TARMAC PATCH AROUND TREE
CANAL ROAD	BRADFORD	29/04/2016	885812	ORDERED	CAT 3 ORDER ISSUED FOR CANAL ROAD/HAMM STRASSE CLEAN OUT AND JET ALL BEANY BLOCKS WITH GULLY WAGON
DICK LANE	BRADFORD	29/04/2016	885813	ORDERED	CAT 3 ORDER ISSUED FOR DICK LANE CLEAN OUT AND JET ALL BEANY BLOCKS WITH GULLY WAGON
CROWTHER STREET	GREENGATES	04/05/2016	885830	COMPLETED	CR NO 260828 ORDER ISSUED FOR CROWTHER STREET O/S 14 - TARMAC PATCH

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

<b>SITE</b>	<b>WARD</b>	<b>PROPOSED WORKS</b>	<b>COMMENTS</b>
Leeds Road, Thackley	Idle and Thackley	Footway refurbishment	
Grenfell Terrace	Bradford Moor	Footway refurbishment	
Harewood Street j/o Amberley St	Bradford Moor	Footway refurbishment	
Roxby Street	Little Horton	Footway refurbishment	
Sandholme Drive, Thorpe Edge	Eccleshill	Footway refurbishment	
Windhill Old Road	Idle and Tackley	Carriageway patching	
Leeds Road	Idle and Thackley	Carriageway patching	
The Green	Idle and Thackley	Carriageway patching	
Bradford Road	Idle and Thackley	Carriageway patching	
Norman Lane	Eccleshill	Carriageway patching	