

# Report of the Strategic Director of Regeneration and Culture to the meeting of the Bradford South Area Committee to be held on 27<sup>th</sup> November 2014

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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.

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 DLO 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 Operation 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 **£1.607m**.
- 4.2 The 2013/14 allocation for the Bradford South constituency as outlined in the initial devolution report to Area Committee is **£294,000**.
- 4.3 Spend this financial year to 30<sup>th</sup> September 2014 on all categories in the Bradford South Constituency Area is **£233,500**, (79 % of indicative allocation) broken down as follows:-
- 4.4 **£94,000** has been spent on CAT 1/2 repairs.
- 4.5 **£139,500** 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 There are no specific legal issues arising from this report.
- 6.2 All works undertaken are carried out within the requirements of 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.

### **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 Action Plan.

## **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 2014/15 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, 10 April 2013 - Methodology for Allocation of Devolved Service Resources to the Five Area Committees.
- 12.2 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.

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

## **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 (5 PTE)

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 – 01/04/14 to 30/09/14

#### Category 1 Defects

<i>BRAD SOUTH</i>	<u>Defect Description</u>	<u>Qty Received</u>
	GM C/WAY	7
	GM F/WAY	8
	RECHARGE	1
	EMERGENCIES	11
	POTHOLES	1
	OTHER	6
	<b>Area Total:</b>	<b>34</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 SOUTH</i>	<b><u>Defect Description</u></b>	<b><u>Qty Received</u></b>
	C/W NOTIFIABLE CAT 1 & 2	10
	F/W NOTIFIABLE CAT 1 & 2	93
	GM C/WAY	278
	GM F/WAY	202
	OTHER	22
	GM DRAINAGE FAST NECKS	0
	FLAGS BROKEN	0
	FLAGS UNEVEN	1
	POTHoles	15
	RECHARGE	1
	EMERGENCIES	2
	DETERIORATION OF SURFACE	1
	GAPS IN PAVEMENT	1
	<b>Area Total:</b>	<b>626</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 2014/15

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

Address 1	Address 2	Originated	Target Due	Stage	Description
ALLANDALE ROAD	BUTTERSHAW	01/04/2014	02/05/2014	COMPLETED	CAT 3. **RENEW VEHICULAR CROSSING S/O NO.488 HALIFAX ROAD**
BREARCLIFFE STREET	BUTTERSHAW	01/04/2014	02/05/2014	COMPLETED	CAT 3. **RENEW VEHICULAR CROSSING ON CROSSING POINT TO NOS 12 AND 14**
HARBOUR CRESCENT	BUTTERSHAW	09/04/2014	13/05/2014	COMPLETED	CAT 3. **VARIOUS C/WAY PATCHES FULL LENGTH TO TOTAL 230 M2**
SILVER BIRCH CLOSE	WYKE	22/04/2014	21/05/2014	COMPLETED	CAT 3. **FULL LENGTH FOOTWAY SCHEME - INCORPORATE 60mm BASE COURSE WITHIN SCHEME TO STRENGTHEN FOOTWAY DUE TO CONSTANT OVERRIDING OF TRAFFIC**
LIDGET AVENUE	LIDGET GREEN	22/05/2014	20/06/2014	ORDERED	
CROSS LANE	GREAT HORTON	23/05/2014	25/06/2014	ORDERED	CAT 3. **C/WAY REPAIRS**
SYKE LANE	QUEENSBURY	23/05/2014	25/06/2014	COMPLETED	CAT 3. **C/WAY REPAIRS**
ELMFIELD DRIVE	ODSAL	05/06/2014	04/07/2014	COMPLETED	CAT 3. **FLAGGING SCHEME ON MAIN PATH FROM SIDE OF DAWSON AVENUE TO NO.60**
ASHLEY ROAD	WYKE	26/06/2014	25/07/2014	COMPLETED	CAT 3. **F/WAY SCHEME FULL LENGTH**
HUDDERSFIELD ROAD	BRADFORD	27/06/2014	25/07/2014	COMPLETED	CAT 3. **RENEW 150MM FILTER DRAIN AT BACK OF F/WAY BELOW NETHERLANDS AVENUE - FROM BT MANHOLE TO DRAIN MANHOLE**
WIBSEY BANK	WIBSEY	26/06/2014	25/07/2014	COMPLETED	CAT 3. **P1. KERB WORKS PRIOR TO RESURFACING WORKS O/S ANGELA'S HAIRDRESSERS** **P2. KERB WORKS PRIOR TO RESURFACING WORKS S/O CAR PARK OF WOODMAN PUB**
ST MARGARETS AVENUE	HOLME WOOD	16/07/2014	13/08/2014	COMPLETED	CAT 3. **RELAY CONCRETE FLAGSTONES FROM NOS 15 TO 19**
ST MARYS CRESCENT	WYKE	16/07/2014	13/08/2014	COMPLETED	CAT 3. **RELAY CONCRETE FLAGSTONES FROM NOS 6 TO 14**
TORRIDON CRESCENT	WOODSIDE	24/07/2014	22/08/2014	COMPLETED	CAT 3. **REPAIRS TO GULLY O/S NO.6**
GREAT HORTON ROAD	BRADFORD	05/08/2014	05/09/2014	COMPLETED	CAT 3. **P1. C/WAY REPAIRS FROM BACK LAISTERIDGE LANE TO LA VILLAGE** **P2. C/WAY REPAIRS FROM LA VILLAGE TO HEALTH CHECK PHARMACY**
MOORE AVENUE	WIBSEY	11/08/2014	10/09/2014	COMPLETED	CAT 3. **C/WAY REPAIRS O/S NO.286**
STORR HILL	WYKE	14/08/2014	12/09/2014	COMPLETED	REPLACE 2 NO. KERBS AND REINSTATE FOOTWAY

TOFTSHAW LANE	BRADFORD	19/08/2014	18/09/2014	COMPLETED	CR 213653. **RENEW DEMARCATION CENTRE KERBS TO ADJUSTED HEIGHT IN ORDER TO DEFLECT WATER AWAY FROM RESIDENTS DRIVEWAYS O/S NOS 133 AND 135**
HARDY AVENUE	ODSAL	29/08/2014	30/09/2014	COMPLETED	CR 213816. **BLOCKED GULLY, DIG DOWN ON GULLY CONNECTION TO SEWER 1.1 METRES DEEP AND/OR PIPES TO REAR OF GULLY IN F/WAY O/S NO.16**
BEDALE DRIVE	BUTTERSHAW	28/08/2014	02/10/2014	ORDERED	CAT 3. **RELAY FLAGSTONES, REMOVE BROKEN FLAGSTONES ON RADIUS AND REPLACE WITH MACADAM FULL LENGTH**
BURNESTON GARDENS	BUTTERSHAW	28/08/2014	02/10/2014	COMPLETED	CAT 3. **FOOTWAY SCHEME FULL LENGTH - CONCRETE FLAGSTONES OUT AND REPLACE WITH MACADAM**
LESMERE GROVE	GREAT HORTON	05/09/2014	06/10/2014	COMPLETED	CAT 3. **F/WAY SCHEME FULL LENGTH**
ASHBOURNE CRESCENT	QUEENSBURY	09/09/2014	07/10/2014	COMPLETED	CR 214457. **REINSTATE SUBSIDED OVERRUN F/WAY MACADAM FROM NEW PARK ROAD TO O/S NO.4** (SITE MAY BE SUITABLE FOR PLANER TO ELIMINATE NEED FOR REPLACING BASE COURSE)
GREAT HORTON ROAD	BRADFORD	12/09/2014	14/10/2014	COMPLETED	CAT 3. **P1. HRA PATCHING AT BUS STOP JCT HARRIS COURT** **P2. HRA PATCHING ON F/WAY AT ENTRANCE TO MURCO GARAGE** **P3. HRA PATCHING OPP MURCO GARAGE OPP L/C NO.187**
HIGHGATE ROAD	CLAYTON HEIGHTS	15/09/2014	14/10/2014	COMPLETED	CAT 3. **P1. HRA PATCHING O/S REMS OFF LICENCE** **P2. HRA PATCHING O/S REMS OFF LICENCE** **P3. HRA PATCHING O/S REMS OFF LICENCE** **P4. HRA PATCHING O/S HIGHGATE FISHERIES**
CLECKHEATON ROAD	OAKENSHAW	22/09/2014	20/10/2014	COMPLETED	CAT 3. **P1. HRA PATCHING OPP L/C NO.36** **P2. HRA PATCHING OPP HIRD ROAD** **P3. HRA PATCHING OPP HIRD ROAD** **P4. HRA PATCHING OPP HIRD ROAD** **P5. HRA PATCHING OPP L/C NO.33**
COMMON ROAD	LOW MOOR	23/09/2014	21/10/2014	ORDERED	CAT 3. **P1. HRA PATCHING O/S HANSON'S DEPOT** **P2. HRA PATCHING OPP 2CV CITY**
MANDALE ROAD	HORTON BANK TOP	19/09/2014	22/10/2014	COMPLETED	CR 215912. **P1. C/WAY REPAIRS OPP NO.66** **P2. C/WAY REPAIRS O/S NOS 66/68** **P3. C/WAY REPAIRS O/S NOS 70/72** (DEEP PATCHING AT SUBSIDED AREAS. INCORPORATE 200MM BASE)
ROSEHILL CRESCENT	WYKE	11/09/2014	23/10/2014	ORDERED	CAT 3. **REINSTATE MACADAM F/WAY FULL LENGTH** (TO BE CARRIED OUT WITH WAVERTREE PARK GARDENS ORDER)
WAVERTREE PARK GDNS	WYKE	11/09/2014	23/10/2014	COMPLETED	CAT 3. **REINSTATE MACADAM F/WAY FULL LENGTH** (TO BE CARRIED OUT WITH ROSEHILL CRESCENT ORDER)

ORMONDROYD AVENUE	ODSAL	23/09/2014	23/10/2014	ORDERED	CAT 3. **RELAY FLAGSTONES FROM O/S NO.2 TO CARISBROOKE CRESCENT**
ST PAULS AVENUE	WIBSEY	23/09/2014	23/10/2014	COMPLETED	CAT 3. **RELAY FLAGSTONES ON F/PATH FRONTING NOS 20-26 REPLACING BROKEN FLAGSTONES WITH ONES FROM LOWER PATH AS WORKS TO BE CO-ORDINATED WITH ORDER TO REPLACE LOWER PATH WITH MACADAM**
ST PAULS AVENUE	WIBSEY	23/09/2014	23/10/2014	ORDERED	CAT 3. **REMOVE FLAGSTONES AND REPLACE WITH MACADAM ON PATH ADJ VERGE FROM ORMONDROYD AVENUE TO CUL DE SAC** (WORK IN CONJUNCTION WITH ORDER FOR PATH TO FRONT OF NOS 20-26)
HOLLINGWOOD LANE	BRADFORD	02/10/2014	30/10/2014	ORDERED	

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

<b>SITE</b>	<b>WARD</b>	<b>PROPOSED WORKS</b>	<b>GANG</b>	<b>COMMENTS</b>
Huddersfield Road	Wyke	Carriageway patching	Patching gang	Commencing early 2015
Morley Carr Road	Wyke	Carriageway patching	Patching gang	To follow on from above
Greenacre Ave	Wyke	Carriageway patching	Patching gang	To follow on from above
Greenacre Drive	Wyke	Carriageway patching	Patching gang	To follow on from above
Beverley Ave	Wyke	Carriageway patching	Patching gang	To follow on from above
Huddersfield Road	Wyke	Drainage work	Schemes gang	To follow on from above
Park House Walk	Wyke	Footway reconstruction	Schemes gang	To follow on from above
Clare Road	Wyke	Footway reconstruction	Schemes gang	To follow on from above
Clayton Road	Great Horton	Carriageway patching	Patching gang	To follow on from above
Binns Lane	Great Horton	Carriageway patching	Patching gang	To follow on from above
Wilkinson Terrace	Great Horton	Carriageway & footway patching	Patching gang	To follow on from above
Westbury Road	Queensbury	Carriageway patching	Patching gang	To follow on from above
Southmere Drive	Great Horton	Relay flags & reconstruct crossings	Schemes gang	To follow on from above
Raeburn Drive	Royds	Relay flags & reconstruct crossings	Schemes gang	To follow on from above
Reevy Avenue	Royds	Relay flags from No. 126 to 140	Schemes gang	To follow on from above