

Report of the Strategic Director of Regeneration to the meeting of the Bradford South Area Committee to be held on 26th November 2015

O

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.

Mike Cowlam
Strategic Director
Regeneration

Portfolio:

Housing, 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 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 **£1.676m**.
- 4.2 The 2015/16 allocation for the Bradford South constituency as outlined in the initial devolution report to Area Committee is **£306,894**.
- 4.3 Spend this financial year to 31st October 2015 on all categories in the Constituency Area is **£197,900**, (65 % of indicative allocation) broken down as follows:-
- 4.4 **£103,300** has been spent on CAT 1/2 repairs.
- 4.5 **£94,600** 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 – 01/04/15 to 31/10/15

Category 1 Defects

<i>BRAD SOUTH</i>	<u>Defect Description</u>	<u>Qty Received</u>
CAT 1	GM C/WAY	3
	GM F/WAY	3
	RECHARGE	1
	EMERGENCIES	45
	NOTIFIABLE C/WAY MINOR	2
	NOTIFIABLE F/W MINOR	3
	OTHER	1
	STOLEN FLAGS	2
	Area Total:	60
CAT 1F	EMERGENCY WORKS	92
	GM F/WAY	12
	NOTIFIABLE F/W MINOR	35
	Area Total:	139

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	35
	F/W NOTIFIABLE MINOR	95
	GM C/WAY	99
	GM F/WAY	50
	DETERIORATION OF SURFACE	1
	POTHoles	4
	EMERGENCIES	358
	Area Total:	642

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 2015/16

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

Address 1	Originated	Stage	Description
CHAPEL LANE	05/06/2015	ORDERED	CAT 3. **P1. C/WAY REPAIRS O/S NO.29** **P2. ADJUST GULLY FRAME AND COVER O/S NO.29**
BRAYSHAW DRIVE	25/06/2015	ORDERED	CAT 3. **RELAY CONCRETE FLAGSTONES FROM NO.1 TO NO.9**
BRAYSHAW DRIVE	25/06/2015	ORDERED	CAT 3. **REMOVE OLD DETERIORATED MACADAM AND EARTH AROUND TREE AREA, REMOVE BAY OF FLAGSTONES AND REINSTATE WITH MACADAM JCT BEACON TO O/S NO.498**
BIRKS FOLD	25/06/2015	ORDERED	CONTACT OFFICER PRIOR TO STARTING WORKS 01274 437646
CLUB STREET	18/05/2015	COMPLETED	CAT 3. **C/WAY PRE SURFACE TREATMENT JCT CEMETERY ROAD**
NORTHSIDE ROAD	05/05/2015	COMPLETED	CAT 3. **P1. NEW GULLY FRAME AND COVER OPP L/C NO.15** **P2. TWO TEMP POTHOLES IN C/WAY NEAR L/C NO.13** **P3. F/WAY REPAIRS O/S ACADEMY SCHOOL** **P4. NEW GULLY FRAME & COVER AND RELAY
WILKINSON TERRACE	14/05/2015	COMPLETED	CAT 3. **P1. C/WAY PATCH JCT CEMETERY ROAD** **P2. C/WAY PATCH AND ADJUST HYDRANT O/S NO.1** **P3. C/WAY PATCH ABOVE NO.1** **P4. C/WAY PATCH OPP NO.4** **P5. C/WAY PATCH R/O NO.266 CEM
CLAYTON ROAD	18/05/2015	ORDERED	CAT 3. **C/WAY PATCHING AT ENTRANCE TO PARADISE FARM BUSINESS NEAR DENE CRESCENT, INCLUDING AREA OF DEEP PATCHING AT BUS STOP AREA**
CLOVER STREET	30/06/2015	ORDERED	CAT 3. **REINSTATE DETERIORATED F/WAY O/S NO.100 HAYCLIFFE ROAD** (AREA IDENTIFIED BY SAFETY INSPECTORS)
CROSS LANE	06/08/2015	ORDERED	PLEASE MANUFACTURE SIGN AND ERECT
SOUTHFIELD LANE	15/09/2015	ORDERED	MANUFACTURE SIGNS AND ERECT

SOUTHFIELD LANE	25/06/2015	ORDERED	CAT 3. **RESURFACE C/WAY JCT HUDSON AVENUE**
SOUTHMERE DRIVE	16/07/2015	COMPLETED	CAT 3. **60/001 - 1 HOUR - RELAY KERBS AND FLAGSTONES REINSTATING GAPS AND TOPS AS MARKED OUT ON STEPS BELOW NO.110**
ST ENOCHS ROAD	08/07/2015	ORDERED	CR 235566. CAT 3. **60/001 - £500 - RAKE OUT (WHERE NECESSARY) AND REPOINT YS STONE FLAG JOINTS USING FLOW POINT JCT MOUNT ROAD**
WATTY HALL ROAD	22/06/2015	ORDERED	CR 235495. CAT 3. **REMOVE SUBSIDED FLAGSTONES AND REPLACE WITH MACADAM NEAR L/C NO.8 NEAR JCT BEECHWOOD AVENUE** (**PLEASE PRIORITISE WORKS AS THESE HAVE BEEN IDENTIFIED BY SAFETY INSPECTORS
FARFIELD AVENUE	30/04/2015	COMPLETED	CAT 3. **F/WAY REPAIRS O/S COMMERCIAL PROPERTIES OPP L/C NO.22**
NORTH ROAD	14/09/2015	SELECTED	PRE-SURFACE DRESSING PATCHING CONTACT OFFICER
CARR BOTTOM AVENUE	06/08/2015	ORDERED	CAT 3. **P1. F/WAY REPAIRS O/S NO.61** **P2. F/WAY REPAIRS O/S NO.59**
CARR BOTTOM ROAD	20/10/2015	ORDERED	CAT 3. **P1. F/WAY REPAIRS O/S NO.268** **P2. F/PATH REPAIRS S/O NO.268**
HALIFAX ROAD	22/06/2015	ORDERED	CR 235494. CAT 3. **REPAIRS TO WARPED C/WAY O/S NO.425 NEAR BUS STOP**
STORR HILL	18/06/2015	ORDERED	CAT 3. **IMPROVEMENT OF JUNCTION - REMOVE STONE SETTS AND DROP F/WAY TO NEW MACADAM CARRIAGEWAY**
STATION ROAD	22/10/2015	ORDERED	CR237719. CAT 3. **60/001 - DIG DOWN IN GRASS VERGE TO REPAIR/UNBLOCK HIGHWAY DRAIN. REINSTATE VERGE**
BEVERLEY AVENUE	12/06/2015	CANCELLED	CAT 3. **P1. C/WAY REPAIRS O/S NOS 1-13** **P2. C/WAY REPAIRS O/S NOS 13-15** **P3. C/WAY REPAIRS JCT WYKE CRESCENT** **P4. 60/001 - 1 HOUR - REMOVE SECTION OF BACK FALLING SETTS
CAMERON AVENUE	22/07/2015	ORDERED	CAT 3. **F/WAY REPAIRS & ADJUST S/T BOX** (SAFETY INSPECTIONS)
METHUEN OVAL	22/07/2015	ORDERED	CAT 3. **C/WAY REPAIRS.** (SAFETY INSPECTIONS)
PADDOCK CLOSE	12/06/2015	COMPLETED	CAT 3. **VARIOUS PATCHES IN C/WAY FULL LENGTH**

SHIRLEY AVENUE	22/07/2015	COMPLETED	CAT 3. **F/WAY REPAIRS & 60/001 - 1 - CLEAR SOIL AROUND ROOTS IN BOTH PATCHES**
GREENVILLE DRIVE	29/06/2015	ORDERED	CAT 3. **TAKE OUT EXISTING FLAGSTONES AND OLD MACADAM AND REINSTATE AROUND NO.28** (SCHEME TO BE COMPLETED WITH PARK HOUSE WALK SCHEME)
ODSAL INTERCHANGE SUBWAYS	20/10/2015	ORDERED	CAT 3. **P1. REPLACE MANHOLE COVERS ALL SUBWAY DRAINAGE** **P2. REPLACE DRAINAGE GRIDS ALL SUBWAY DRAINAGE** **P3. CLEAN OUT, JET AND PROVE DRAINAGE RUNS ALL SUBWAY DRAINAGE**
ODSAL INTERCHANGE SUBWAYS	14/10/2015	COMPLETED	CAT 3. **60/001 - REPLACE MANHOLE COVER AND FRAME IN SUBWAY ADJ TO TOP HOUSE PH**
PARK HOUSE ROAD	29/04/2015	ORDERED	CR 232482. CAT 3. **RENEW SECTION OF FWAY ACROSS JUNCTION OF CHAPEL HOUSE ROAD**
SHETCLIFFE LANE	21/09/2015	ORDERED	
TONG STREET	14/07/2015	ORDERED	CAT 3. **P1. FOR RECHARGE - C/WAY REPAIRS WITHIN CYCLE TRACK PRIOR TO COLUMBUS SCHOOL** **P2. C/WAY REPAIRS WITHIN AND O/S CYCLE TRACK O/S COLUMBUS SCHOOL**
KESTEVEN ROAD	19/05/2015	ORDERED	SIGNS READY TO COLLECT
CARDEN ROAD	06/05/2015	COMPLETED	CAT 3. **P1. REPAIRS TO KERBS O/S NO.15** **P2. REPAIRS TO KERBS O/S NO.19** **P3. REPAIRS TO KERBS O/S NO.25** **P4. REPAIRS TO KERBS O/S NO.27** **P5. REPAIRS TO KERBS AND NEW GULLY
DAWSON TERRACE	08/07/2015	COMPLETED	CR 236333. CAT 3. **60/001 - OPEN UP VOID IN C/WAY AND INVESTIGATE PROBLEM, PROVIDE AND LAY CONCRETE UNDER WALL, BACKFILL AND REINSTATE R/O NO.2** (STAT PLANS TO BE PROVIDED)
HUDDERSFIELD ROAD	22/07/2015	COMPLETED	CR 237637. CAT 3. **REPAIRS TO GULLY BELOW L/C NO.138, ABOVE NO.609** (ALSO RELATES TO LA881039 - SEE EMAIL 22/07/15)
HUDDERSFIELD ROAD	17/04/2015	ORDERED	CAT 3. **P1. C/WAY REPAIRS OPP L/C NO.89 NEAR THE HAROLD CLUB** **P2. C/WAY REPAIRS OPP L/C NO.89 NEAR THE HAROLD CLUB**

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

SITE	WARD	PROPOSED WORKS
Station Road, Low Moor	Wyke	Drainage investigation on gully
Dudley Hill Interchange Subway	Tong	Drainage investigation/jetting
Park House Walk	Wyke	Footway refurbishment
Clare Road	Wyke	Footway refurbishment
Elizabeth Close	Wyke	Footway refurbishment
Perseverance Street	Wyke	Footway refurbishment
Uplands Crescent	Queensbury	Carriageway Patching
Uplands Avenue	Queensbury	Carriageway Patching
Corporal Lane	Queensbury	Carriageway Patching
Southmere Drive	Great Horton	Footway refurbishment