



OFFICER REPORT TO LOCAL COMMITTEE (TANDRIDGE)

CATERHAM VALLEY SPECIAL HIGHWAY DRAINAGE CLEANSING

5 DECEMBER 2008

KEY ISSUE

To report to the Local Committee on the results of the recently completed Caterham Valley special highway drainage cleansing programme.

SUMMARY

On the evening/night of 27 October 2008 following into 28 October predetermined roads within the Caterham area were cleared of parked vehicles and an extensive cleanse of the road gullies and soakaways was carried out. Other outstanding highway maintenance works, including localised road surface repairs, were also completed whilst the roads were clear of parked vehicles

OFFICER RECOMMENDATIONS

The Local Committee for Tandridge is asked to agree that:

- (i) Similar highway drainage cleansing initiatives be considered in Tandridge in future years.

1 INTRODUCTION AND BACKGROUND

- 1.1 During a recent review of the routine gully cleansing within the East Area, the Chairman requested that, with the assistance of the Local Member and Parish Councils roads that were identified as problematic due to carriageway widths and resident and commuter parking be addressed in a special cleansing operation.
- 1.2 Following a meeting with the Local Member for the Caterham Valley area a short list was drawn up (see table below) and work dates agreed.

Road Name	Limits	Date of Works
Croydon Road (D1431 service road)	Full length	27 Oct (nightwork)
Church Hill	From Waller La to Station Ave	27/28 Oct
Station Avenue	Full Length	27/28 Oct
Croydon Road (B2208 main road)	Service Road to The Square	27/28 Oct
Commonwealth Road	Full length	28-Oct
Crescent Road	Full length	28-Oct
Farningham Road	Full Length	28-Oct
Mount Pleasant Road	Full Length	28-Oct
Timber Hill Road	Full Length	28-Oct

- 1.3 A temporary legal order was implemented to restrict parking in the above roads. This was supported by Tandridge District Council and their Civil Enforcement Officers who, while on site, supplemented parking restriction signing and advised motorists on the operation and the temporary parking restriction. A two-man traffic management crew and support vehicle, with extra 'no parking' cones and signing supplied as part of this programme, also assisted.
- 1.4 This initiative was planned to cleanse the existing drainage system but did not set out to examine its' layout or capacity.

2 ANALYSIS

- 2.1 The works were divided into 2 operations. The night work element on 27 October consisted of a 32 tonne 'jet/vac' super combination unit with deep lifting vacuum capacity with 2-man crew (super combo) and a 6,000-gallon water tanker with driver. The day work element for 28 October consisted of another super combo unit and a gully cleansing and jetting combination unit with 2-man crew (3 in 1 Jetter). A 2-man carriageway repair crew (HSI repair crew) and the Community Gang were also on site to address any other highway works.

The works achieved are set out in the table below:

**NIGHT WORKS 27th OCTOBER –
21:00 HRS - 06:00 HRS**

		RESOURCE USED
SERVICE ROAD, REAR OF CROYDON ROAD	Jetted and cleaned surface water drainage	SUPER COMBO & TANKER
	Dewatered 10 soakaways	
	Cleaned silt from 10 soakaways	
	jetted and cleaned 2 inspection pits and 10 gullies	
	Removed 3 tonnes of silt	
	Removed in excess of 18,000 gallons of water	

**DAY WORKS 28th OCTOBER –
06:00 HRS - 17:00 HRS**

STATION AVENUE	Jetted and cleaned surface water drainage	3 IN 1 JETTER
COMMONWEALTH ROAD	Jetted and cleaned surface water drainage	3 IN 1 JETTER
MOUNT PLEASANT ROAD	Jetted and cleaned surface water drainage	3 IN 1 JETTER
CRESCENT ROAD	Jetted and cleaned surface water drainage	3 IN 1 JETTER
	IDENTIFIED ONE BROKEN PIPE 2M FROM OUTLET	
TIMBERHILL ROAD	Jetted and cleaned surface water drainage	3 IN 1 JETTER
	IDENTIFIED ONE BROKEN PIPE 1.5M FROM OUTLET	
FARNINGHAM ROAD	Jetted and cleaned surface water drainage	3 IN 1 JETTER
	Removed 3.5 tonnes of silt	3 IN 1 JETTER
SERVICE ROAD, REAR OF CROYDON ROAD	Jetted and cleaned remaining surface water drainage	SUPER COMBO
CROYDON ROAD	Jetted and cleaned surface water drainage	SUPER COMBO
COMMONWEALTH ROAD	Cleaned soakaway	SUPER COMBO
	Removed 13.5 Tonnes of silt	SUPER COMBO

OTHER MAINTENANCE WORKS

FARNINGHAM ROAD	Repair carriageway defect 3M x 0.3M	HSI repair crew
	Repair carriageway pothole 0.3M x 0.3M	
	Repair carriageway pothole 0.35M x 0.3M	
	Repair carriageway defect 4M x 0.3M	
	Repair carriageway pothole 0.25M x 0.25M	

- 2.2 The highway drainage system was successfully cleansed as planned. However, shortly after this cleansing programme heavy rain resulted in reported flooding in Croydon Road at the junction of Mount Pleasant Road. It is clear that this flooding did not result from poor maintenance of the system. A camera survey of this particular section of the drainage network is being planned for November 2008.

3 DISCUSSION

- 3.1 There are a number of locations in Tandridge where parked vehicles compromise the routine gully-cleansing programme. Caterham Valley was the chosen location because it has a history of poor gully cleansing which is due to excessive on street parking and restrictive road widths.
- 3.2 The roads within Caterham Valley were chosen taking into account what could be achieved with the resources available while minimising disruption to the local community.

4 CONSULTATIONS

- 4.1 With the help of the Local Member and local Parish Council an extensive pre-leafleting of all of these roads was carried out. A week before the works started over 60 information boards were fixed to lamp columns throughout the works area. Various locations were made available to provide off street parking for local residents for the duration of the works. The letter posted to 450 addresses in the area is attached as Annex 1.

5 FINANCIAL AND VALUE FOR MONEY IMPLICATIONS

- 5.1 Routine gully cleansing is funded from the budget available in the East Area Maintenance Delivery Plan for 2008/09, as set out in a report to the Local Committee on 20 June 2008. This budget does not provide for extra contingencies such as working in restricted access and cleansing gullies under parked cars. This Caterham Valley initiative was funded from an allocation made available as part of the additional £5 million for Highways considered by Local Committee on 5 September 2008.
- 5.2 The estimated cost of this cleansing operation is set out below:

Labour and Plant	£	£
Oct 27th (Night work) Super Combo + crew	1,400	
Oct 27th (Night work) Tanker + crew	300	
Oct 28th (Day work) Super Combo + crew	1000	
Oct 28th (Day work) 3 in 1 Jetter + crew	750	
Traffic Management Vehicle + crew	600	
HIS Gang + equipment	600	
Community Gang	500	
Sub total	5,150	5,150
Materials		
Bitumen (for carriageway repairs)	30	
Waste (soakaway and gully extract)	160	
Sub total	190	190
Overheads and Profit (@20%)		1,068
Constructor works TOTAL		6,408
Planning		
Pre-works organisation, site work and officer time		4,000
Incidentals		
Printing and signing		500
GRAND TOTAL		10,908

6 EQUALITIES AND DIVERSITY IMPLICATIONS

- 6.1 None identified

7 CRIME AND DISORDER IMPLICATIONS

7.1 None identified

8 CONCLUSION AND RECOMMENDATIONS

- 8.1 The programme of works was carried out successfully without incident and all the objectives were achieved.
- 8.2 Whilst this project was successful and will give benefit to the local area, intensely resourced initiatives of this nature cannot be funded by the maintenance budget normally allocated to gully and soakaway cleansing.
- 8.3 During the cleansing operation 2 defects were identified with the drainage pipes. These defects are waiting to be prioritised for repair when funding is available.
- 8.4 A flooding incident occurred soon after this works programme. Further investigation is being planned.
- 8.5 It is recommended that other areas where gully and soakaway cleansing prove problematic be considered for similar initiatives when funding allows.

9 REASONS FOR RECOMMENDATIONS

- 9.1 Although the cost of this maintenance initiative was high in comparison to the average cost of cleansing gullies on highways in Surrey, the works could not have been achieved without the commitment of resources and co-operation of the local people. Initiatives of this type could be useful in other locations where normal routine cleansing is compromised by access difficulties and parking issues.

10 WHAT HAPPENS NEXT

- 10.1 Similar initiatives can be considered in future years.

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