

Flood Risk Management

Scheme Delivery Summary - 2014/15, 2015/16 & 2016/17



Royal Borough of Windsor and Maidenhead
Highways and Transport
Town Hall
St Ives Road
Maidenhead
Berkshire
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Updated: November 2015

INTRODUCTION

This document summarises Flood Risk Management and Drainage scheme delivery, which has been categorised into:

- Highway Drainage
- Flood Risk Management
- Flood Funding £2.1m
- Area Studies

The document will be used to:

- Guide priorities
- Assist with resource allocation
- Track Progress

The document is 'live' and will be reviewed regularly with the Lead Member.

SCHEME DELIVERY SUMMARY (2014/15)

Ref	Scheme	Comments	Budget	started	Not	In Design	Start date agreed	On site	Complete
Approved Capital Programme – Highway Drainage									
2.1	School Lane, Cookham	Complete 31 st March 2014	£14,000						✓
2.2	Eton Wick Road Phase 2	Order placed. Start date under review due to need for road closure	£70,000				✓		
2.3	Waltham Road, White Waltham	Order placed. Start date Nov/Dec 2015	£20,000				✓		
2.4	Prides Crossing Pumping Station Refurbishment	Complete June 2015	£10,000						✓
2.5	Service road at Stubbings Church, Henley Road	Complete April 2015	£30,000						✓
2.6	Programme of minor highway drainage schemes	Complete March 2015	£60,000						✓
2.7	76 to 82 Blackamoor Lane, Maidenhead - feasibility / works	Complete July 2015	£56,000						✓
2.8	Lower Village Road, Sunninghill - feasibility / works	Complete April 2015	£15,000						✓
2.9	Regents Walk, Ascot (feasibility study only)	Complete April 2015	£5,000						✓

Ref	Scheme	Comments	Budget	Not started	In Design	Start date agreed	On site	Complete
Approved Capital Programme – Flood Risk Management								
2.10	Junction Broadmoor Road / The Street Waltham St Lawrence	Complete March 2015	£57,000					✓
2.11	Clearance of silt catchment pond at downstream end of Cookham Land Drainage Scheme	Complete November 2014	£20,000					✓
2.12	Provision of grill (trash screen) on Battle Bourne, Datchet Road, Old Windsor	Complete October 2015	£10,000					✓
2.13	Provision of grill on unnamed ordinary watercourse at Lower Village Road near Francis Chichester Close Ascot	Complete October 2015	£16,000					✓
2.14	Provision of telemetry Lower Village Road/Francis Chichester Close Ascot	Telemetry upgrade phase 1 complete. This site on hold pending Phase 2 telemetry upgrade.	£6,000		✓			
2.15	Improvements to access to grills on Bourne Ditch St Leonards Road Allotments, Windsor	Complete April 2015	£17,000					✓
	+ Additional scour repairs (2013/14 flood damage)	Complete April 2015						
2.16	Cleaning of highway drains in vulnerable locations	Complete August 2014	£25,000					✓
2.17	Actions arising from Horton Drain and Wraysbury Drain condition surveys, and Fifield Study.	Works commenced September 2015, completion by December 2015.	£150,000				✓	
2.18	Development of and implementation of works programme (following completion of Area studies)	Area studies Stage 1 complete February 2015, Stage 2 commenced, to include catchment walkovers Winter 2015/16.				✓		

Ref	Scheme	Completion date	Budget	started	Not	In Design	Start date agreed	On site	Complete
Approved Capital Programme – Flood Funding (£500k of £2.1m budget – see CPSC 11/6/14)									
Flood Recovery (£100k)									
2.19	Beaufort Gardens, Ascot - Investigation into surface water run-off	Initial feasibility completed March 2015.	Total budget £100k. Individual scheme costs to be confirmed subject to investigation and options appraisal.						✓
2.20	The Avenue, Ascot - residential gardens / investigate and make recommendations to address localised surface water flooding	Investigations complete Jan 2015. Scheme in design for 2015/16							✓
2.21	Ascot Road, Holyport (entrance to Holyport College) – ditch clearance and repairs	Complete October 2014	As above						✓
2.22	Fifield Village- investigate, cost and make recommendations to address localised flooding	Part of ongoing Area Study – see item 2.8							✓
2.23	Langworthy Lane, Holyport - investigate, cost and make recommendations to address localised flooding	Complete 31 st October 2014							✓
2.24	Harvest Hill Road, Maidenhead (on brow of hill) - Investigate, cost and make recommendations to address ponding	Complete 31 st December 2014							✓
2.25	Hibbert Road junction with Bray Road - Investigate, cost and make recommendations to address ponding	Complete 31 st December 2014							✓
2.26	Coppermill Road, Wraysbury - Investigate and cost request for drainage ditches to be cleaned out	Complete September 2014							✓
2.27	Coppermill Road, Wraysbury - Investigate and cost request to repair verges	Complete 31 st October 2014							✓
2.28	Ward member / Parish to provide details Investigate and cost request for path resurfacing in Horton and Wraysbury	Complete 31st March 2015							✓
2.29	Horton Village Green to Colnbrook boundary Investigate and cost request for drainage ditches to be dug out and drains cleared	Complete 30th September 2014							✓
2.30	Stanwell Road, Horton - Investigate and cost various drainage issues raised by residents	Complete 31 st October 2014							✓
2.31	Deerswood (off Ray Mill Road East) end of cul de sac - Investigate, cost and make recommendations to address localised flooding	Complete 31 st December 2014							✓
2.32	Maidenhead Court Park - Investigate, cost and make recommendations to address localised flooding	Complete 31 st January 2015							✓
2.33	Ray Mead Road (culvert connecting Clapper's Stream to The Creek near Chandlers Quay) - Investigate, cost and make recommendations to address flow issues in culvert	Complete 31 st March 2015							✓
2.34	Ray Mill Road West 1) allotments 2) path along brook	Complete 31 st January 2015							✓

	Investigate, cost and make recommendations to address localised flooding							
2.35	Forlease Road junction with York Road Cost and make recommendations for re-surfacing	On hold - to be carried out during 2015/16 resurfacing programme, to fit in with other town centre works by March 2016	As above			✓		
2.36	St Leonards Road (Gardeners Hall) - Investigate, cost and make recommendations to address flooding issues (NB private land)	Complete 31 st January 2015						✓
2.37	Fielding Road, Pinkneys Green - Investigate, cost and make recommendations to address flooding issues	Complete 31 st December 2014						✓
2.38	St Marks Road, Maidenhead (outside hospital) - Investigate, cost and make recommendations to address localised flooding	Complete 31 st December 2014						✓
2.39	Ditch Clearance	Complete 31 st December 2014						✓
Grants for Private Road Repairs (£100k)								
2.40	50/50 grant funding for residents to repair flood-damaged private roads	All schemes completed October 2015	£100k					✓
Public Rights of Way (£250k)								
2.41	Major river bank repairs at Hurley	Complete 28 February 2015	£250k					✓
Bridge Inspections/Scour Repairs (£50k)								
2.42	Ham Island Bridge and Cookham Causeway	Complete 31 October 2014	£50k					✓
Miscellaneous								
2.43	Shepherds Lane, Hurley, defective culvert	Investigations complete March 2015. See 2015/16 programme						✓
2.44	High Street, Hurley – Investigate, cost and make recommendations to address culvert issues.	See 2015/16 programme.						✓
2.45	The Green, Datchet - Investigate, cost and make recommendations to address culvert issues.	Scope of works identified April 2015. See 2015-16 programme						✓

Ref	Scheme	Completion date	Budget	Not started	In Design	Start date agreed	On site	Complete
3. AREA STUDIES								
3.1	White Waltham / Waltham St Lawrence Area Study (Phase 1)	30th September 2014	£15,000					✓
3.2	Fifield & Oakley Green Area Study (Phase 1)	30th September 2014	£15,000					✓
3.3	Horton Drain Condition Assessment	31 st August 2014	£12,500					✓
3.4	Wraysbury Drain Condition Assessment	31 st August 2014	£12,500					✓
Scheme Status Summary (Total no. 49)				0	1	4	1	43

APPROVED PROGRAMME (2015/16)

REF	SCHEME	NOTES	BUDGET	NOT STARTED	IN DESIGN	START DATE AGREED	ON SITE	COMPLETE
1. HIGHWAY DRAINAGE								
1.1	Regents Walk, Ascot	Detailed design for deep-bore soakaway underway, works to be completed by March 2016	20,000			✓		
1.2	Sainsbury Pumping Station, Maidenhead	Complete	5,000					✓
1.3	Priory Way, Datchet	Design complete, completion by January 2016	30,000			✓		
1.4	Hibbert Road/Bray Road, Maidenhead	Further works arising from Wet spot Investigations	10,000		✓			
1.5	The Green, Datchet	Culvert repairs – cleaning and structural survey on site 2/11/15	15,000			✓		
1.6	Lower Village Rd/Coombe Lane, Sunninghill	Scope of works subject to outcome of feasibility	5,000		✓			
1.7	Straight Road, Old Windsor	Highway drainage improvements – completed Sept 2015.	10,000					✓
1.8	Reactive works programme	Examples; ditch clearance; jetting & drain clearance – works ongoing.	55,000				✓	
		TOTAL	150,000					
2. FLOOD PREVENTION								
2.1	Horton, Wraysbury Drains	Works commenced September 2015, completion by December 2015 – see 2.17 2014/15	70,000				✓	
2.2	Waltham/Fifield	Prioritised works arising from area studies – pending catchment walkovers – see 2.18 2014/15	25,000		✓			
2.3	The Avenue, Ascot	Design complete, implementation by March 2016	30,000			✓		
2.4	Beaufort Gardens	Site investigations ongoing.	5,000		✓			
2.5	Shepherds Lane, Hurley	Detailed design underway, works to be completed by March 2016. Note – capital funding brought forward from 2016/17	55,000		✓			
2.6	High Street, Hurley	Scope of works subject to site investigations.	5,000	✓				

2.7	Broadmoor Culvert, Waltham St. Lawrence	Downstream pond and culvert clearance – detailed design underway, implementation by March 2016	10,000		✓			
		TOTAL	200,000					
SCHEME STATUS SUMMARY (TOTAL NO. 15)				1	6	4	2	2

INDICATIVE PROGRAMME (2016/17)

Ref	Scheme	Notes	Budget	Not started	In Design	Start date agreed	On site	Complete
FLOOD PREVENTION / HIGHWAY DRAINAGE								
	Indicative capital programme 2016/17							
1.1	Horton / Wraysbury Drain	Continuation of prioritised works arising from 2014/15 study	25,000	✓				
1.2	Walthams Area Study	Continuation of prioritised works arising from 2014/15 study	50,000	✓				
1.3	Fifield / Oakley Green	Continuation of prioritised works arising from 2014/15 study	50,000	✓				
1.4	Bisham & Cookham Flood Prevention	Scope of works subject to agreement / co-ordination with the approved Environment Agency programme	100,000	✓				
1.5	Highway Drainage Programme	Detailed scheme list to be developed	50,000	✓				
1.6	Reactive works programme	Examples; ditch clearance; jetting & drain clearance	25,000	✓				
		TOTAL#	300,000					
	Additional capital bids 2016/17							
	Flood Risk Management Asset Register	As Lead Local Flood Authority (LLFA), the Council has a Statutory Duty under Section 21 of the Flood and Water Management Act 2010 to establish and maintain a register of structures or features which it considers are likely to have a significant effect on flood risk.	50,000					
	Preliminary Flood Risk Assessment	Undertake revision of Preliminary Flood	20,000					

		Risk Assessment as part of 6-yearly cycle. Due June 2017.						
	Replacement of Highway Drain, Waltham Rd, White Waltham	Replacement highway drain plus ancillary works in Waltham Road and Church Hill, to prevent flooding of the highway, public safety and to reduce flood risk in the wider catchment.	100,000					
	Lower Village Road Major Highway Drainage Improvements	There is currently no provision for the drainage of the highway over a considerable length of Lower Village Road, Ascot. Whilst immediate issues at Coombe Lane are now resolved, it is likely that significant funding will be required to implement a full solution for Lower Village Road.	250,000					
	Footbridge at The Green, Bisham- raise level	To raise the deck level of the footbridge (PROW) and ancillary works to improve flood flows and reduce the risk of flooding to properties at The Green, Bisham. Contribution to Environment Agency scheme (total scheme cost £132k).	96,000					
	Budget agreed 2016/17							
	River Thames Scheme 2016-17	Agreed by Cabinet April 2015	285,000					

NOTE:

TOTAL BUDGET IS INDICATIVE AND SUBJECT TO COUNCIL APPROVAL WHEN SETTING THE BUDGET FOR 2016/17