

FLOOD ALLEVIATION CAPITAL PROJECTS & MAINTENANCE WORKS ONGOING/PLANNED

Location	Issue/Works	No. of properties where flood risk reduced by works
1. Sud brook – The Lampreys/Cheyney Close, Matson & Robinswood/Barnwood	Surface water/ flooding from Sud and Matson brook - works to include Property Level Protection measures in addition to engineered solutions including bunds, ground re-profiling and flood barriers. Joint funded scheme – DEFRA, Glos County Council, City Council and GCH. Property level surveys completed detailed design underway.	40 +
2. Stroud Road, Tuffley	Surface water flooding issues due to water pouring off fields adjacent to Grange Road. Works to include extending existing bund along Grange Road, replacement of trash screen on Stroud Road (Whaddon brook) and ground works on the junction of Bybrook Road and Grange Road to better manage surface water flows.	Approximately 10
3. Deans Way, Kingsholm and Wotton	Surface water/flooding from River Twyver (when River Severn running high for prolonged periods) which fills the public open space and up to the rear threshold of properties. Further investigation required works may involve bunding of the public open space opposite the rear of residential gardens.	Approximately 10
4. Barnwood Park – Wotton brook, Barnwood	Works to improve the efficiency of pond to reduce risk of downstream flooding issues. Additional works being considered include creating additional storage and water treatment through a swale and reed bed system.	Approximately 20 + highway
5. Highclere Road, Quedgeley Severn Vale	Over topping of Dimore brook, works will look to include the installation of Individual Property Level Protection measures to those properties at highest risk.	Approximately 20
6. Porchester Road, Hucclecote	Works to reduce the risk of flooding from Wotton brook - works under investigation include improving existing drainage, providing additional drainage, in channel storage and works to redirect flows back into channel.	Approximately 20 + highway
7. Sandyleaze Field, Elmbridge	Bank erosion issues at a number of locations along the Horsbere brook. Works to include bank strengthening works which may include willow spiling etc.	Footpath
8. Deans Walk, Kingsholm and Wotton	Surface water/ flooding from River Twyver. Property level surveys to be completed in spring 2017 to identify potential works which may include the installation of Property Level Protection measures i.e. flood doors, air brick covers, non-return valves and flood barriers. Joint funded scheme – DEFRA and Gloucester City Council.	46
9. Tewkesbury Road, Kingsholm and Wotton	Issues with standing surface water. Property level surveys completed in late spring 2016 which identified potential works/measures including the installation of Property Level Protection measures i.e. flood doors, air brick covers, non-return valves and flood barriers etc. Joint funded scheme – DEFRA and City Council.	4

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10. Lobleys Drive Park, Hucclecote	Planting of reeds and other wetland plants in pond area which takes surface water from highway and adjacent Public Open Space in addition to improving water quality and habitat creation.	Footpath
11. Birch Avenue, River Twyver	Removal of a short section of concrete lined channel which restricts flow in times of heavy rain fall and is prone to blockages. Installation of two staged channel and re-naturalisation works.	6
12. Naas Lane, Quedgeley	Surface water runoff affecting properties and highway during heavy rain. Works have been carried out by land owner where water sheds off their site. Additional drainage works have also been carried out by affected landowner and Gloucestershire Highways have carried out investigations and associated works which has improved the situation. Additional works may involve the purchase of a demountable flood barrier.	3 - 1 residential, 2 business
Total		Approximately 179 properties