

Recent Flood Alleviation and Drainage Improvement Schemes

Tilshead- Investigating attenuation scheme within land owned by MOD. This could include the construction of a reservoir to hold back flows and prevent flooding to Tilshead.

Aldbourn- Extensive replacement of the drainage system and the old barrel vault culverts in West Street and Lottage Road. This work is in front of the resurfacing works and includes kerbing new gullies and construction of new headwalls. The construction methods used in this area take into account the high ground water levels and uses porous pipes and materials to allow ground water to drain through into the new drainage and reduce the risk of flooding.

Malmesbury- Wiltshire Council has been working with the Environment Agency (EA), Malmesbury Town Council and the Freemen of Malmesbury to remove the silt from the river Avon and remove an old Gasometer that was built out into the river. The blockages were removed from the river, which will help flows through the town and under the historic bridge. EA have an ongoing desktop study outline which has been agreed by all parties, and it is hoped that incremental improvements within the catchment will give resilience to the residents of the area.

Great Bedwyn- We have carried out drainage investigations and improvements of Back Lane and Church Street. In the process of installing a flood wall adjacent to the allotments and have recovered historic drainage downstream of the Knapp. We have been working with the Parish Council, landowners, Network Rail and Thames Water to reduce the flood risk and take the surface water away from the sewerage systems.

Dauntsey- a drainage system was upgraded around the M4 overpass with extensive ditch works including upgrading field accesses. Historic ditches were found and reinstated and drainage systems found that were installed in the 1960's working with the Parish Council, Environment Agency and Highways England. Working with the other organisations on a desk top study of the village to try and resolve some of the problems that have been attributed to the construction of the motorway. Desktop study ongoing. Highways England, Environment Agency, Wiltshire Council and the Parish Council are fully engaged in the process.

Corsham – Investigation works and repairs being carried out on A4 to provide a positive drainage outfall. Liaison with church estate managers about partially collapsed culvert on their land. Desktop study of the catchment undertaken which is being part funded by the Environment Agency. Working with Wessex Water and Network Rail as they are at risk of inundation or flooding.

Shaw and Whitley- Desktop study of the catchment to establish the mechanisms of flooding and what can be done to reduce the frequency of the events. Environment Agency part funding the study.

Hindon- Study carried out and design prepared for a scheme to upgrade drainage from the Dean past the School to outfall into watercourse to reduce flood risk.

Chippenham/Melksham A350 – Ditch works carried out along the A350 as highway flooding occurring. This work included repairing and replacing Surface Water drainage and new headwall construction.

Norton Bavant- The old culvert under the road was collapsing and needed replacement as this is the only access to the area. A temporary road was created and a new culvert/bridge was installed while maintain access for the residents.

Atworth- Bath Road (A365)- Repairs carried out to drainage within the highway and new system installed to outfall into watercourse. This involved piping through gardens and into field to outfall into watercourse to reduce flood risk.

Bishopstone, Mill Lane - Installed gabion structure to support the highway after flooding washed away the road. Reconstruction of the road and installation of boundary fence, drainage and verge works. Work co-ordinated with local highway office and the Environment Agency.

Market Lavington, The Springs - Drainage scheme installed as property flooding. Working with Parish Council and local landowners to install a new drainage system

Lydiard Millicent- Installation of a drainage scheme around Bagbury Lane, Lydiard Green to prevent localised flooding from ground and surface water

Cricklade- Drainage scheme in and around North Wall. Working with English Heritage and Cricklade Town Council to excavate ditches and link the historic watercourses around the school to prevent flooding of the property and footpaths. This required an archaeological watching brief of all works around the listed monument, and extensive ditch works and associated pipework

Wilton- Crow Lane, The Council has been working with the Environment Agency to construct a hard standing for the Flood Barriers in Crow Lane. The EA will be organising a day on Wednesday 30 September for an exercise for the demountable defences.

County Hall, Trowbridge- CCTV survey of drainage systems carried out as cellars of County Hall flooded. Repairs completed to Surface Water drainage system. Scheme designed to line pipework as pipes failing and open cut unavailable due to depth and traffic restrictions.

Hankerton- Silt has been removed from the watercourse and a two stage channel under Hare Street Bridge has been created to remove blockages and form a low flow channel. The ditches in the area were cleared as these were causing blockages.

Dilton Marsh- New drainage system installed from Petticoat Lane to outfall into High Street. Reducing the risk of localised flooding to property and gardens.

Lea B4042- Minor Drainage scheme as the highway was failing due to wet spots under the carriageway. Drainage installed and highway reconstructed.

Foxham, Cade Burna Hare Street- Removal of silt under the bridge to improve flow and capacity. We have also been working with the Parish Council to request that adjacent landowners maintain their ditches and watercourses.

Trowbridge, St Augustine's School- A scheme to improve the highway surface water system on the entrance to the school as there had been localised flooding of the buildings. We have worked with the school governors and their consultants.

Clarendon Road- A new drainage system installed in Clarendon Road with a large attenuation tank to slow flows into the watercourse.

Britford- working with the Environment Agency and Parish Council to reduce the flooding problems within the parish. We have carried out CCTV and ditch clearance within the parish. The Environment Agency had a plan to create a bund within agricultural land to prevent surface water from flooding homes within the parish, but were unable to do the works on site. We have used the Environment Agency plan and will be installing the bund and ditch based on the previous design.

Burton- Working with the Environment Agency and Parish Council on flooding issues. Installed and upgraded drainage in Marsh Lane to help reduce the overwhelming of the B4039 drainage systems with resultant property flooding. Working with the Environment Agency and Parish Council on maintenance of the watercourses and Rivers within the area as many have fallen into disrepair as landowners have not been maintaining them.

Durrington- Drainage system CCTV surveyed, after property flooding in Church Street. A review of survey, defects recorded and repair plan being actioned. Access to private land being discussed with landowner.

Corsley- Surface water runoff from field to highway being monitored after notice issued and discussions with landowner.

Donhead St Andrew- CCTV of highway drainage in village planned with discussion with Parish Council of maintenance of watercourses.

Purton- Ditching clearance north of B4553 Watkins Corner being resolved with landowners. Liaison and support of Parish Council in connection with ditching works on The Common.

Melksham, Bowerhill- Liaison with landowners over ditching clearance to reduce the risk to the properties in Bowerhill with possible enforcement action.

Calne, Derry Hill- Investigation of existing system indicates it may be heavily silted. Potential for scheme to remove and address possibly defective attenuation system.

Broughton Gifford- Liaison with landowners over repair of defects in Old Sawmills and watercourse within the area.

Christian Malford- Liaison with Parish Council about ditch clearance on B4069.

Chippenham- Monitoring of watercourse and liaison with Town Council and landowners regarding watercourses in Derriads. We are also working with the Environment Agency on a desk top study for Chippenham that has now been extended to include Calne catchment.

Coombe Bissett- Working with the Environment Agency and Parish Council to establish how the flows can be adjusted under the road bridge. EA looking at extending the Salisbury model to include flows from Coombe Bissett.

CCTV Survey and Jetting- The CCTV survey equipment and jetting is used for one week a month to investigate flooding within the area offices and reports via Wiltshire App.

Ditch Clearance- As part of the drainage operation we supply a JCB excavator and banksman to clear ditches and watercourse throughout the county in areas that have serious highways flooding or require particular attention.

Desktop Studies and Investigations

- Shaw and Whitley
- Corsham to include Lacock
- Hindon
- Tilshead/ Orcheston
- Chitterne
- Wilsford cum Lake (scheme ready for construction)
- Urchfont
- By Brook (working with the EA)
- Salisbury (EA)
- Calne Chippenham (EA)
- Malmesbury (working with the EA)
- Chelworth (ref litigation)
- Urchfont (scheme ready for construction)
- Pitton (scheme being costed)
- Westbury, Well Head (study completed, no scheme viable)
- Warminster, Lords Hill (with legal)

Parish Updates and Information

- Contributions are regularly made to the parish newsletter regarding information on the work of Operational Flood Working Groups.
- Ditch letters – reminder being sent out this week 14/09/15
- Information recorded and collected regarding flooding incidents, including from the App and Out of Hours reports of flooding
- Articles produced for Wiltshire Magazine. Including winter edition “Are you ready for Winter’ for next edition.
- Working with parish councils to produce flood plans and flood wardens ongoing.
- Creation and updating list of contacts for Flood Wardens in event of weather emergency.
- Flood Plan completed for Bradford on Avon. It needs adoption by town council and then to organise a desk top exercise. Also to be progressed for Melksham without Parish Council and Malmesbury Town Council.
- Working with Environment Agency and City Council on Salisbury flood plan, warden training and communication strategy
- Organised a “pilot” training session for Malmesbury flood wardens with certification which should soon be ready to roll out across the county.
- Large scale maps and GIS data logger provided to town and parish councils to enable mapping of drainage assets and issues within their community.
- Attending Area Board Resilience workshops regarding flooding.
- PEAS (parish Emergency Assistance Scheme) – encourage participation and take up of sand bags and equipment.
- Updating Wiltshire Council’s leaflet on Flooding Advice.

Operational Flood Working Groups for North, South and Salisbury - Working with town and Parish Councils and the new Salisbury Flood Working Group.