

Attenuate surface flow along the Oxford Road from the west through improved road drainage and a swale. Improve road drainage at low spot adjacent to the Library. Intercept and attenuate roof runoff and lateral flow which would otherwise discharge directly onto the High Street using green street planters where space permits. Raise kerbs at key locations along the High Street.



Route surface flow down Amersham Hill and Crendon Street and into the River Wye adjacent to the WDC offices.



Provide attenuation along Mickelfield Road through use of a detention basin sited at the junction of Herbert Road and green street planters where space permits. Improve property resistance/resilience along route as required. Route surface flow from Mickelfield Road into River Wye at the junction with London Road.

Improve property resistance and resilience for identified groups of properties along the potential flow route. Provide kerbside storage along Lane End Road and Mill End Road in green planters/ rain gardens.



West Wycombe Road at the junction with The Pastures and Desborough Avenue. Route surface flow from the north to discharge into the River Wye through road reprofiling.

Attenuate surface flows along Desborough Street in a detention basin sited in the existing car park and pond or wetland in the currently open space at the junction with Victoria Street. Use green street planters / rain gardens at suitable places along Desborough Road. Route surface flow along Desborough Road to discharge into the existing storage tank under the Bus Station on Bridge Street.



Route surface flow along Coates Lane into Hughenden Park via road reprofiling. Improve resistance/resilience for identified properties between Hughenden Road and Hughenden Stream.

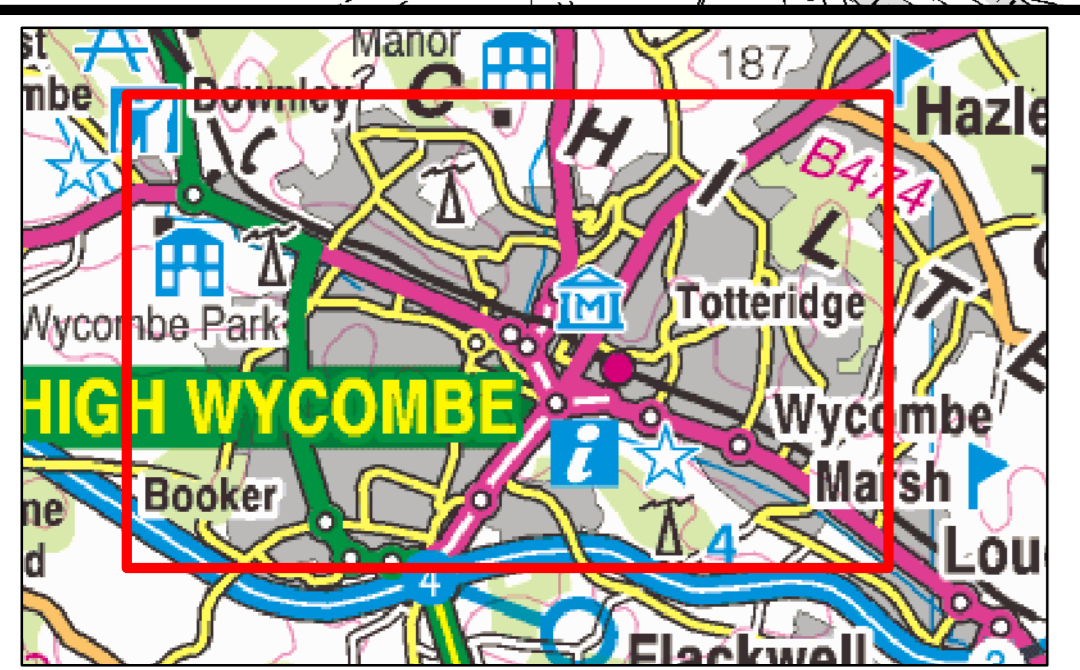
Route surface flow from a detention pond at the Hughenden Road roundabout in a shallow cobbled swale/ channel through Frogmoor, White Hart Street and St Mary Street into the River Wye adjacent to the Fire Station, with online storage in a water feature in Frogmoor.



Provide attenuation along Arnison Avenue and Bowerdean Road through use of detention basins sited at junctions of Hill View, Adelaide Road and Totteridge Avenue and green street planters where space and parking requirements permit. Improve property resistance/resilience along route as required. Route surface flow from Bowerdean Road into the River Wye at junction with London Road via lowered access track to High Wycombe Cricket Club ground.



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Legend

- Road Reprofiting
- Property Resistance/Resilience
- Swale
- Surface Flow Routes
- Maximum Velocity (m/s) 0.5% AEP
 - 0.5 - 1.0
 - 1.0 - 2.0
 - >2.0
- Green Roofs
- Detention Basin
- Maximum Depth (m) 0.5% AEP
 - <0.1
 - 0.1 - 0.5
 - 0.5 - 1
 - 1.0 - 1.5
 - >1.5
- Pond & Wetland
- Urban Storage
- Increase Capacity
- Digital River Network
 - Primary River
 - Secondary River
 - Tertiary River (MasterMap single line)
 - Lake / Reservoir
 - Extended Culvert (greater than 50m)

Drawing Title: High Wycombe Options Identification

Drawing Number: Appendix B

Scale: 0 to 2 Kilometers

Chesham and High Wycombe SWMP

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