

**National Asset Delivery  
Technical Surveys and Testing**

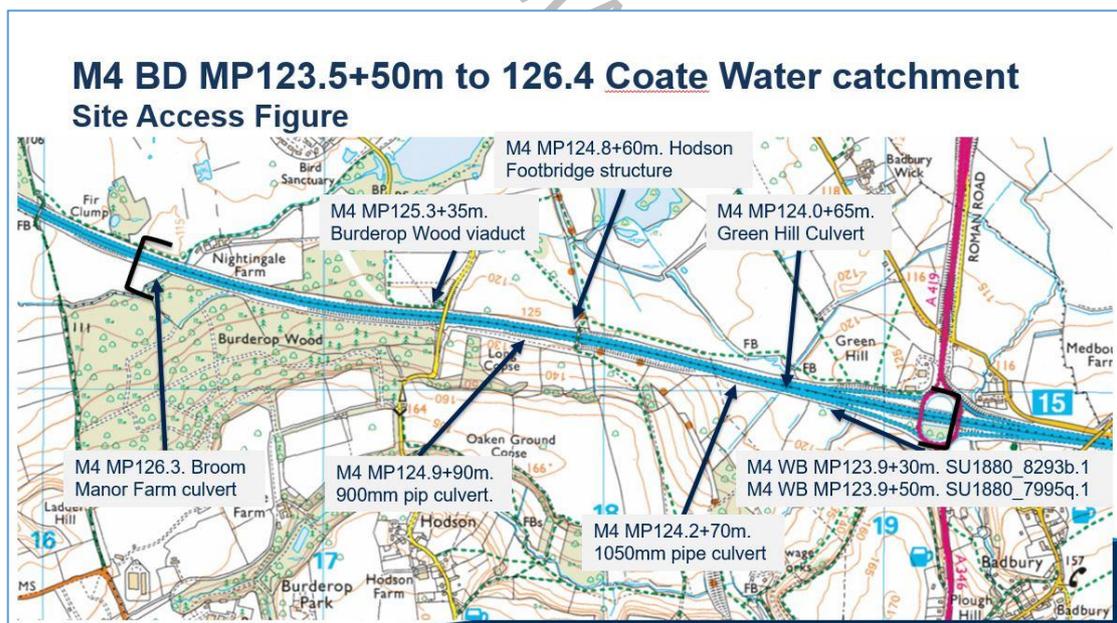
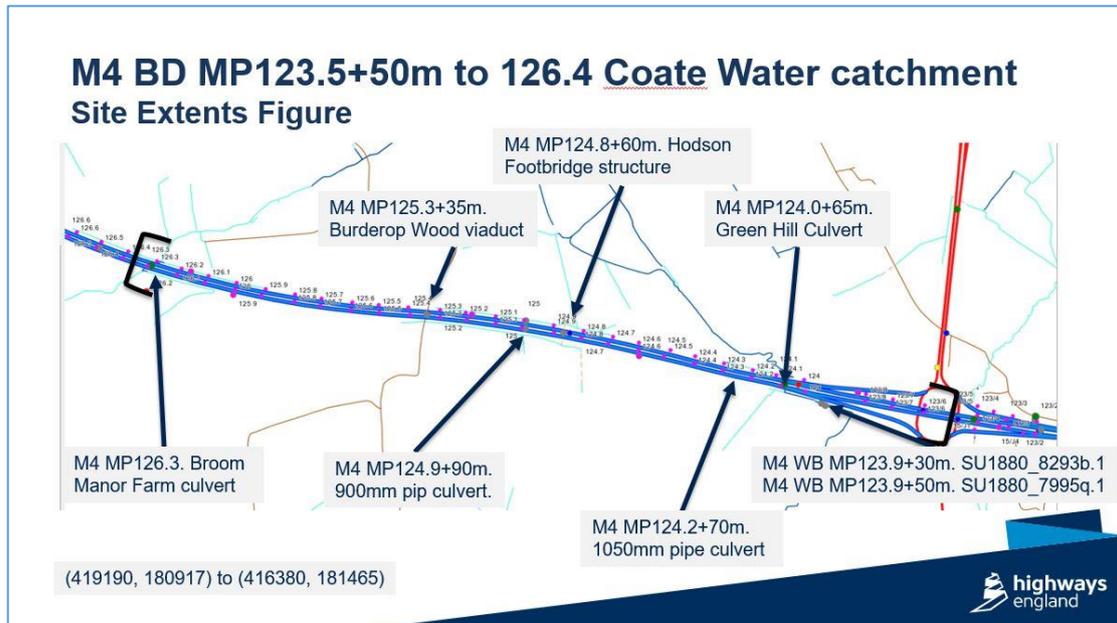
**Site Information for  
570124 M4 Coate Water CCTV Survey**

FOR INFORMATION ONLY

## 1 SITE INFORMATION

### 1.1 Site boundary, extents and access arrangements

The site is on the M4 eastbound between marker posts 126.3 & marker posts 123.5. Site is only accessible with suitable traffic management in the form of lane closures as a minimum.



Overview of site extents

### 1.2 Pavement

The M4 in this local is a 3-lane motorway, with hard shoulder, with an approximate total carriageway width of 14m. The carriageway is located on land that falls from

south to north. EB & WB carriageways are separated by a combination of concrete safety barrier and steel VRS forming the central reservation.

The Bradbury grade separated Interchange (junction 15) is located at the eastern extents of the scheme.

Carriageway levels EB & WB vary throughout the scheme extents, with the WB carriageway at a higher level at the western extents.



Carriageway level difference (looking EB)

The hard shoulder in the vicinity of MP125.9 is suffering from 75mm subsidence over a distance of approximately 10m.



M4 EB carriageway

### 1.3 Drainage

Drainage within the scheme extents consists primarily of filter drain, gullies and concrete edge channel along the EB verge, and carrier pipe in the central reservation. Various cross carriageway pipes are located throughout the scheme extents. The EB edge channel within the scheme extents is displaying signs of detachment from the carriageway structure.



Concrete EB edge channel

### 1.4 Soft Estate and Environment

The M4 motorway is bordered throughout the scheme extents with arable land and woodland. The grass verges throughout are of varying widths. The land immediately beyond the EB highway verge falls approximately 3-4 metres to a ditch drainage asset at the bottom of the incline. The slope comprises of large scale vegetation, scrub and low-level bush.

Throughout the scheme extents vegetation may hinder access to drainage assets beyond the verge.

## 1.5 Traffic Signs

Traffic signs are located throughout the scheme extents on both EB & WB verges. Signage includes small signs, ADS signs and VMS.

## 1.6 Lighting

There is no street lighting along this stretch of the motorway.

## 1.7 Structures and Buildings

Structure	Type	Location Ref	Str key	OSGR
Manor Farm Culvert	Culvert	MP126.3	34280	416461,181438
Burderop Wood Viaduct	Bridge & Culvert	MP125.3+50m	1101	417425,181270
Hodson Footbridge	Bridge & Culvert	MP124.8+60m	1100	417920,303218
Green Hill Culvert	Small Span Structure	MP123.9+65m	15130	418709,181020
Badbury Interchange West	Bridge & Large Culvert	MP126.6	1098	419139,180930
Badbury Interchange East	Bridge & Large Culvert	MP123.4+75m	1096	419260,180901

## 1.8 Statutory Undertakers

Drawing Number:	Title	Valid Until
TOPO1250_M4-040-07026	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07027	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07028	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07029	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07030	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07031	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07033	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-040-07035	C2 STATS Service Locations	09/04/2020

TOPO1250_M4-041-03469	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-03471	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-03473	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-03477	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-03484	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-06725	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-06727	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-07032	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-07034	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-07036	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-07037	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-07039	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-07290	C2 STATS Service Locations	09/04/2020
TOPO1250_M4-041-25976	C2 STATS Service Locations	09/04/2020

### 1.9 Traffic

Traffic flows circa 44,483 AADT, with HGV content >6.6m 12.2%.