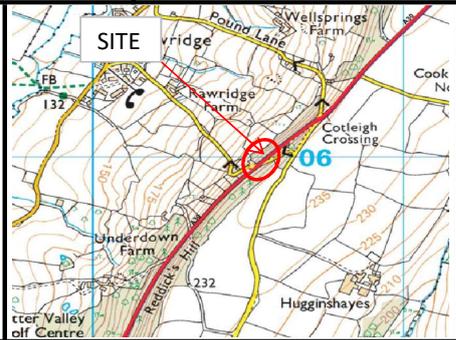


HIGHWAYS ENGLAND MONITORING RECORD SHEET



SCHEME: A30 Rawridge Hill 241/8 EB (Zone F)	Grid Reference: Start E319772, N104895 End E319844, N104979
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Earthwork ID	6547	
Earthwork Type	Embankment	
Max slope Height (m)	4.3	
Max Slope Angle (°)	60°	
Drainage	Top	Kerb and Gullies and cross carriageway pipes over the edge
	Slope	None
	Base	None



Site Instructions	TM required: Traffic Lights	Monitoring Frequency	Initial:	6 monthly
			Current:	6 monthly

HISTORICAL OBSERVATIONS

Date	HAGDMS ID	Inspection		Description	Classification	
		Type	Initials		Defect/Location	Feature Grade
26/03/2001	252139	PI	PL/JW	Identified as part of an initial PI in March 2001. Locally oversteep softened verge, due to surface water drainage passing onto the verge from the carriageway. Causal hazards include localised geology (greensand), oversteep slope and periglacial slip features downslope of the EB A30. Repeat PI's undertaken in 2007, 2012 to 2015 and 2017.	1A/A	5
05/09/2017	582130	Reactive	EG/SB	Cracking in pavement, dislocated trees, dislocated fence, erosion, hydro vegetation, high moisture content. An 11.5m linear tension crack has developed within the EB carriageway with horizontal and vertical displacement of 60mm and 15mm respectively, the embankment at this location is 3.0m high and stood at an angle of 35.	1A/A	5
18/10/2018	598807	MI	PL	Increased linear tension crack in pavement, dislocated trees, erosion, hydro vegetation and high moisture content. The tension crack is now 18.0m in length within the EB carriageway. Sections measured at 5.0m intervals recorded vertical displacement of 10mm to 40mm and crack aperture width of 5mm to 40mm. Photographs below show the extent of the cracking and displacement of the post and rail fence and trees. The verge throughout this section is very soft.	1A/A	5

CURRENT OBSERVATIONS

Date	HAGDMS ID	Inspection		Description	Classification	
		Type	Initials		Defect/Location	Risk
01/05/2019	613311	MI	PL/MM	The tension crack remains approximately 18m in length. There are three arcuate cracks less than 1m from the white edge line. These are 30m either side of the clearway sign and are 1m in length (to the West of the sign) and 2m in length (to the East of the sign). The verge is very soft and there are small diameter (<10mm) voids in the verge edge. There is no evidence of movement on the WB carriageway or upslope of EB defect.	1A/A	5

FUTURE RECOMMENDATIONS

Date	Inspection Type		Recommendations
	Type	Initials	
05/09/2017	Reactive	EG/SB	Geotechnical Team to register the site as part of the geotechnical monitoring programme and visually monitor on a 6 monthly basis.
01/05/2019	MI	PL/MM	Continue to monitor on a 6 monthly basis. Remember to bring spirit level to measure deflection.

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Grid Reference:

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Photographs - 05/09/2017 - visual inspection



Photographs - 18/10/2018 - visual inspection



SCHEME: A30 Rawridge Hill 241/8 EB (Zone F)

Grid Reference:

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Photographs - 01/05/2019 - visual inspection

Photo 1 shows the extent of the cracking within the carriageway (looking West).



Photo 2 shows the soft verge edge and the fence leaning down slope.