

Request	Estimated Cost	Work	Comments
<p>1. 6 monthly monitoring to monitor the bund where the safety factor is less than 2.0 (that is 7, 8, 9 and 13 also 11 and 16 as these are the sectors that could potentially impact on the motorway and also the rest of the 100m that flanks the M11</p>	<p>2 year period = 5 visits</p> <p>£12,500</p> <p>(thereafter for budget purposes £6,250 per year)</p>	<p>Install digital testing and monitor. During each visit to undertake a visual inspection of the areas of the bund which are of concern. This includes installation of monitoring tubes.</p>	<p>This would provide regular monitoring so as to highlight movement but as there have been little risk to date with the motorway this may be deemed excessive monitoring.</p>
<p>2. Topographical survey at 5 year intervals and a report with analysis and finding</p>	<p>£5,500 Every 5 years</p>	<p>A full topographical survey of the entire length of the bund (as previously surveyed). All survey level would be tied into ordnance datum. Any larger vegetation would be noted with the height and trunk diameter noted of trees. To review each of the topographical surveys undertaken and provide an analysis of areas where movement is noted and highlight any areas of concern.</p>	<p>This would provide an ongoing monitoring process but would not highlight any issues arising in the intermediate years if adverse conditions had an affect on the bund overall.</p>
<p>3. Inspection of the embankment by a qualified surveyor every 2 years.</p>	<p>£3,000 Every 2 years</p>	<p>A walk-over survey and review of the monitory information to date. To produce drawing indicating the revised profiles and any further details and specification required.</p>	<p>This assumes that other monitoring work is being undertaken such as in Item1/2.</p>
<p>4. Re-grading the section 11 and 16 so that the slump would not go further than the boundary of EFDC land with the M11 including design, construction supervision and all waste disposal.</p>	<p>£5,000 for design only.</p> <p>Unknown cost of actual works but would in the tens of thousands.</p>	<p>£5,000 is the cost of undertaking the design works in order to provide a re-graded profile of the embankment and produce drawings indicating the revised profiles and any further details and specification requested.</p>	<p>This only gives cost of design of work so would need to do this before a full estimate for the works. If all works was completed this would then mitigate the future risk, but would be 80k plus.</p>