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Risk Register													
Scheme : 570122D - A30 Aplington Onslip West Bound MP 192/7 - 192/2													
Prepared by : R.Jones								Date : 27/07/2020					
Checked by : S.Cooper								Date : 27/07/2020					
Date	Risk/Opportunity	Consequence	Risk before Mitigation				Mitigation Measure	Risk before Mitigation				Owner	Comments
			Severity	Likelihood	Risk Rating	Status (R.A.G)		Severity	Likelihood	Risk Rating	Status (R.A.G)		
27/07/2020	A statutory undertaker asset is encountered in an unexpected location	Delays and additional scheme costs.	3	3	9		Check apparatus plans prior to works for potential hazards. Undertake CAT scans and hand dig if required. If uncharted apparatus are uncovered discuss mitigation measures with stats owner.	3	2	6		HE	
27/07/2020	Traffic incident within Scheme Extents	Delays and additional scheme costs	3	3	9		Ensure TM complies fully with Chapter 8 standards at the start, during and end of each day, keep all signs/cones clean and clearly visible, maintain standards throughout scheme, constant monitoring of queues/build up by TM team and alter Traffic Light/Stop/Go/Convoy timings to suit, ensuring queue lengths are kept to a minimum. Ensure overnight measures are appropriate and 24hour contact has charged batteries for lights whilst keeping over night closure lengths to a minimum at all times. Dynamically asses TM set up daily and alter to suit all conditions including any changes in weather (multiplication of advanced signing etc), communicate with the travelling public, local population and emergency services regularly. Contractor to have method statement RE, dealing with incidents within his site to limit delays	3	2	6		HE	
27/07/2020	Plant breakdowns, delivery resource problems	Delays and additional scheme costs.	3	3	9		Regular maintenance, good planning and communication with batching plant's and plant suppliers. Ensure weather conditions are monitored in advance RE. conditions for laying, conditions for plant batching.	3	1	3		HE	
27/07/2020	Site conditions determining the scope of works and/or treatment extents have changed or deteriorated prior to detailed design	Delays and additional scheme costs	3	3	9		Promote the scheme through VM process within a reasonable timeframe. Ensure that relevant survey data is available to promote robust design. Prior to construction designer and PM to visit site RE. additional works that may be required	3	1	3		HE	
27/07/2020	Temporary Traffic Regulation Orders (TTRO) are not processed within programme timescales required within the process. Road space not booked	Delay to programme.	3	2	6		Ensure road space and TTRO's are applied for within the known timeframes for applications to be processed, frequent communication with relevant parties to ensure orders are in place prior to scheme start	3	1	3		HE	
27/07/2020	Varying pavement depths within scheme extents	Possibility of delamination, extra cost to scheme through material depth changes	3	3	9		Ensure HAPMS data is contained within design information along with identifying sufficient number of cores over the scheme extents to enable accurate assessment of material depths. When planning materials ensure design allows adequate tolerance to prevent delamination if whole course is not to be removed, if removing whole course ensure all loose material is removed.	3	1	3		HE	
27/07/2020	Delay to construction phase due to service strike, archaeological discovery, severe weather	Programme delay, extra cost, proposed design may no longer be fit for purpose	4	3	12		Ensure C2's/C3's are requested and discussed. Any affected apparatus clearly marked out on site and located via trial hole and dial before you dig. Scheme extents CAT and Genie scanned every time scheme moves from one phase/location to another within the extents. Ensure all available surveys have been checked prior to arriving on site, monitor weather daily and assess daily construction activities accordingly. Prior to construction designer and PM to visit site RE. additional works that may be required.	3	2	6		HE	
27/07/2020	Risk of encountering Tar Bound material on site, not found during Stage 1/2	Delay to programme, additional cost in disposing of material, environmental/health risk	3	3	9		PAK testing of cores to be prescribed within pre-construction pack. Designer to ensure proposals encompass testing results and make measures accordingly, i.e. ensure any presence at layers within design are identified to all parties prior to construction phase start up. Contractor to have approved procedure in place for dealing and disposing with TAR bound material if necessary.	3	1	3		HE	
27/07/2020	Risk of encountering Asbestos when raising ironwork	Delay to programme, additional cost in disposing of material, environmental/health risk	3	3	9		Identify ironwork and/or gullies within scheme extents, request Asbestos qualified person to undertake sampling on an agreed percentage of total number pieces of ironwork within site prior to continuing work await results. Alter methodologies to suite outcome of sampling	3	1	3		HE	