STTNV5 NAP:

						Distance from	Distance	Screening	Façade	Predicted
		Work		Reduction of	Mitigated	Notional Source	Correction,	Correction,	Correction,	Noise Level,
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)
	Foundation of Noise Barrier	1	Outside 45m Buffer Zone	N/A	107	45	-41.1	0	3	68.9
	Pile Cap, L-retaining Wall and Formation of new road (a)	1	Within 45m Buffer Zone		107	34	-38.6	0	3	71.4
	Utilities Diversion	1	Outside 45m Buffer Zone		104	45	-41.1	0	3	65.9
	Erection of structural steel post for noise barrier	1	Outside 45m Buffer Zone		100	45	-41.1	0	3	61.9
				Maximum no	se contributio	n from construction	n activities in	Zone 2 durin	g this period:	54

octivities in Zone 2 during this period:
Overall Predicted Noise Level, dB(A)
Daytime Noise Criteria, dB(A)
Compliance 74 75 Yes

		Work		Reduction of		Distance from Notional Source		Screening Correction,		Predicted Noise Level,	
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)	
Apr 2032 - May 2032	Slope Formation / Upgrading Works (a)	1	Within 45m Buffer Zone	N/A	108	34	-38.6	0	3	72.4	
	Foundation of Noise Barrier	1	Outside 45m Buffer Zone		107	45	-41.1	0	3	68.9	
	Pile Cap and Formation of new road	1	Outside 45m Buffer Zone		107	45	-41.1	0	3	68.9	
	Maximum noise contribution from construction activities in Zone 2 during this period:										

58 **75** 75 **Yes** Overall Predicted Noise Level, dB(A)
Daytime Noise Criteria, dB(A)
Compliance

						Distance from	Distance	Screening	Façade	Predicted
		Work		Reduction of	Mitigated	Notional Source	Correction,	Correction,	Correction,	Noise Level,
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)
	Foundation of Noise Barrier	1	Outside 45m Buffer Zone	N/A	107	45	-41.1	0	3	68.9
	Pile Cap and Formation of new road ^(a)	1	Within 45m Buffer Zone		107	34	-38.6	0	3	71.4
	Utilities Diversion	1	Outside 45m Buffer Zone		104	45	-41.1	0	3	65.9
	Erection of structural steel post for noise barrier	1	Outside 45m Buffer Zone		100	45	-41.1	0	3	61.9
				Maximum no	ise contribution	on from construction	n activities in	Zone 2 durin	g this period:	56

56 74 75 Yes activities in Zone 2 during this period:
Overall Predicted Noise Level, dB(A)
Daytime Noise Criteria, dB(A)
Compliance

		Work			Mitigated	Notional Source	Correction,	,	Correction,	Predicted Noise Level,	
Period	Construction Activities	Zone	Location	number of PME	SWL, dB(A)	Position, m	dB(A)	dB(A)	dB(A)	dB(A)	
Aug 2033	Erection of steel member and noise barrier panel at north bound	1	Outside 45m Buffer Zone	N/A	100	45	-41.1	0	3	61.9	
	Erection of steel member and noise barrier panel at south bound	1	Outside 45m Buffer Zone		100	45	-41.1	0	3	61.9	
	Road Drainage	1	Outside 45m Buffer Zone		103	45	-41.1	0	3	64.9	
	Road Surfacing (a)	1	Within 45m Buffer Zone		109	34	-38.6	0	3	73.4	
	Roadlighting and EM&A works	1	Outside 45m Buffer Zone		96	45	-41.1	0	3	57.9	
	Landscaping works at north bound	1	Outside 45m Buffer Zone		100	45	-41.1	0	3	61.9	
	Maximum noise contribution from construction activities in Zone 2 during this period:										

Overall Predicted Noise Level, dB(A)
Daytime Noise Criteria, dB(A)
Compliance 75 75 Yes

Note:
(a) The construction activity with the highest SWL.
(b) Only one construction activity would be located in the buffer zone. The activity with the highest SWL located in the buffer zone represents the worst case scenario.