

Appendix 10(3)

King II

May 07, 2021

(TR-30 PAR)

Appendix 10(3): Low Cover Crossing Access Road Vehicle Grade and Speed Ratings

Make	Model	Description	Max. Grade (selected gear)	Ascent Speed @ Max. Grade	Decent Speed @ Max. Grade
Cat	740C EJ	C Series Articulated Truck	25%	4 mph in second gear	12 mph in 6th gear
Kenworth	T800	Concrete Truck	23.45%	3 mph in first gear	6 mph in second gear
Ford	F250	Pickup	24.64%	6 mph in second gear	15 mph in third gear
Cat	14	Motorgrader	25%	3.7 mph in second gear	15 mph in sixth gear
Cat	420	Backhoe	26%	6 mph in second gear	12 mph in 3rd gear
Cat	D8	Dozer	100%	3.7 mph in second gear	6.6 mph in third gear
Cat	349	Excavator	100%	2.2 mph in low	2.9 mph in high
Kenworth	T800	Water Truck	23.45%	3 mph in first gear	6 mph in second gear