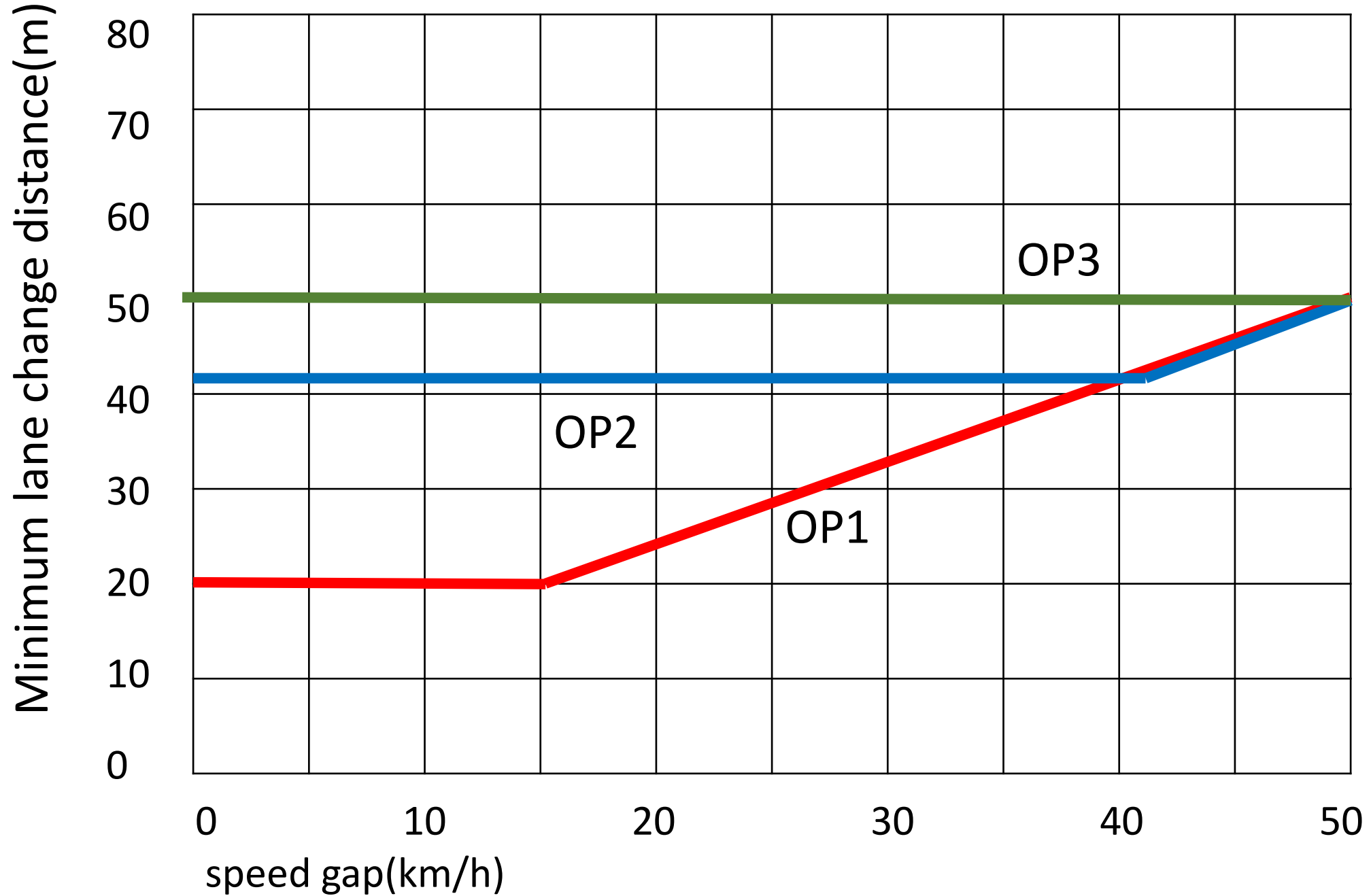


Minimum lane change distance

✂ In case of $\Delta V=0$

	Minimum Distance	Remark
OP1. Current manufacturer's design	10m-20m	
OP2. Align with ACC design	Minimum distance is TTC 1.5s (80km/h → About 33m) (100km/h → About 42m)	
OP3. Align with detection range	Minimum distance is around 50m	

Image of minimum lane change distance(in case 100km/h)



Relation between ΔV and safety distance D

Distance between the ASCF vehicle
and approaching vehicle [m]

