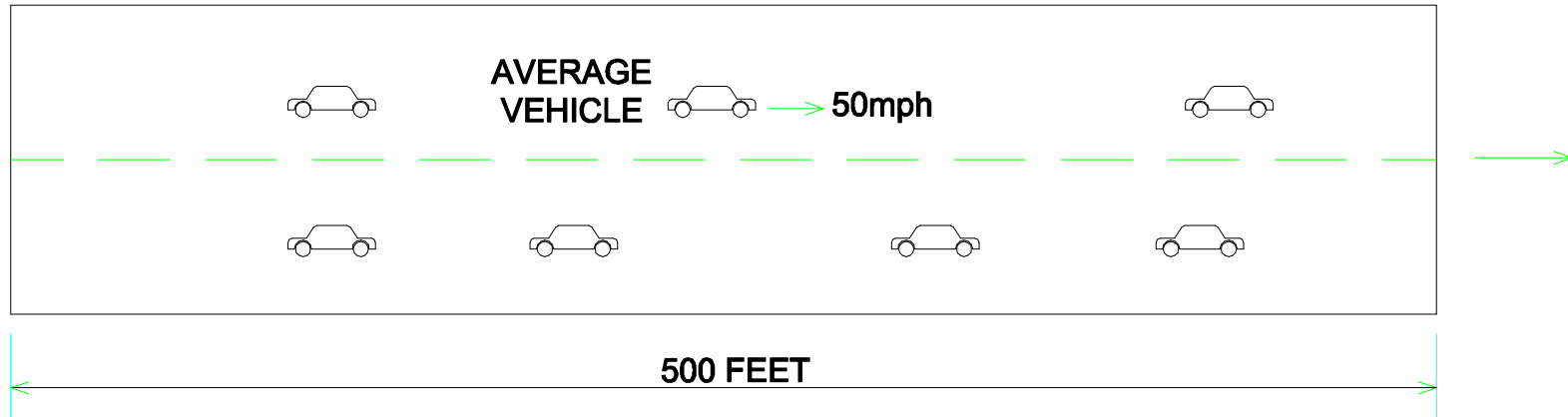


FREEWAY



HOW "BUSY" IS THIS FREEWAY? IS IT CONGESTED ?

$$D = (7 \text{ VEH}/500 \text{ FEET})(5280 \text{ FT}/1 \text{ MILE}) = 74 \text{ VPM (2 LANES)}$$

↓
37 VPM (1 LANE)

$$q = S \times D = (50 \text{ MILES}/\text{HOUR})(37 \text{ VEH}/\text{MILE}) = \underline{1850 \text{ VEH}/\text{HR (PER LANE)}}$$

↓
LOS E

"CLOSE TO CAPACITY"