For each road,

Make new df with vehicle counts, grown by constant growth rate. N.b.: growth rate changes based on traffic assumption.

Add totals column, plot years x total traffic demand line for each road.

Create a new table, ESA. ESA is AADT x axles per vehicle / 1,000,000 \* 365 / default number of lanes. (WHY IS THIS? WHY NOT TAKE LANES FROM THE FILE? WEIRD

Calculate total % of AADT that is trucks as single number

Calculate as single number total AADT \* length \* 365 / 1,000,000