

DRIVING DATA

key: Yellow underline - OSI layer |  → Sender |  → receiver

7. DRIVEWAY → application

- user interface
- beginning of the journey
- HTTPS, DNS



6. PACKING THE TRUNK → presentation

- Formats/encrypts data
- organizing luggage, making sure it is secure
- SSL



5. PLANNING THE ROUTE → session

- manages communication between devices
- finding the best route for data transfer

4. GPS → transport

- ensures reliable data transfer
- breaks up data
- keeps data on track
- TCP, UDP



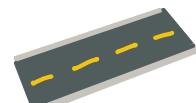
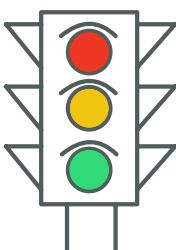
3. INTERSTATE → network

- routes packets using IP address
- determines roads leading to destination
- IP



2. TRAFFIC LIGHTS → data link

- packages data into frames
- controls the flow of data
- ethernet



1. PAVED ROADS → physical

- transfers raw bits as signals
- physical path for data travel
- cables, fibers