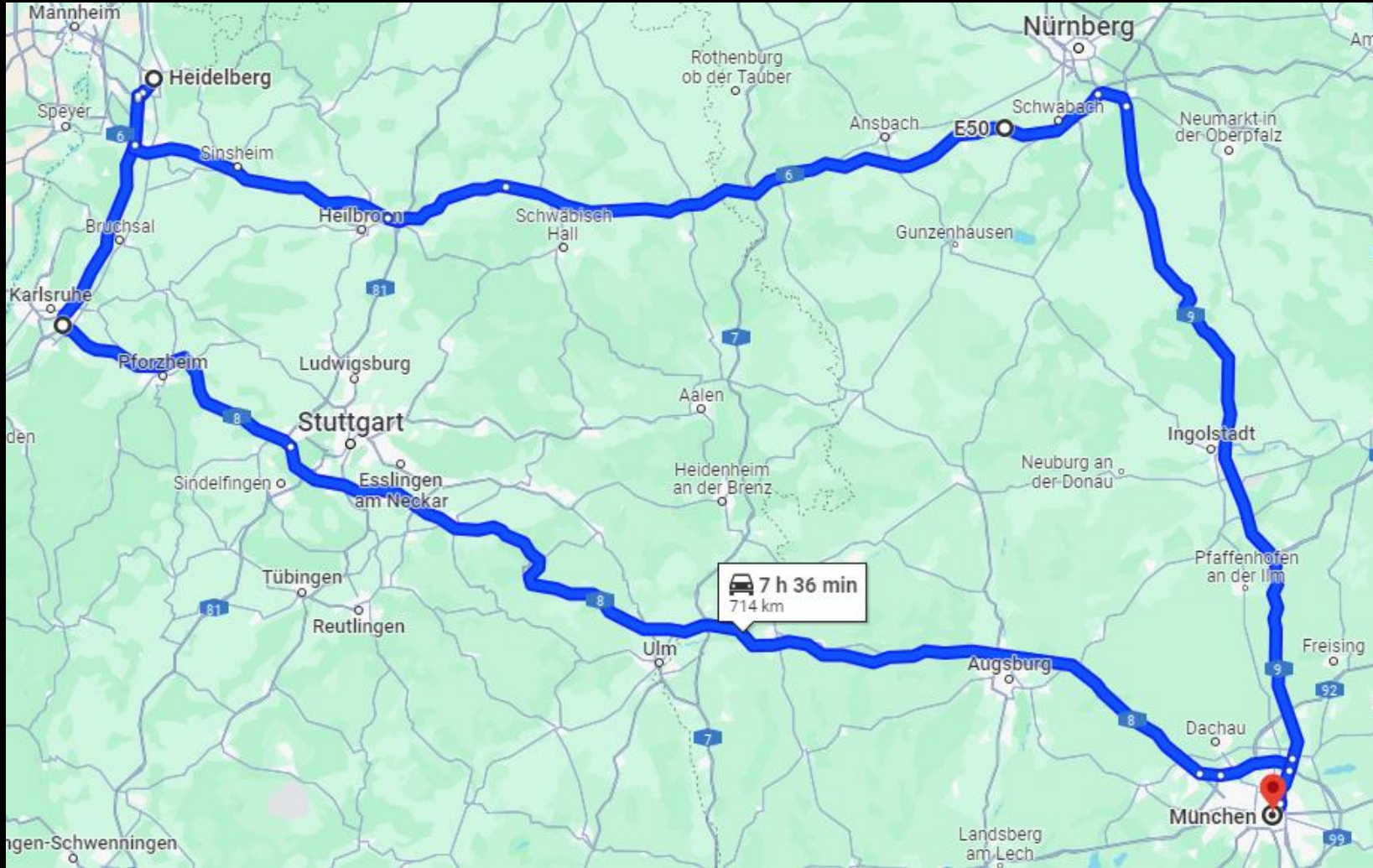


JAMA basic figure: 75% coverage criterion on-road test

- as material to discuss the question from Japan at IWG FVA #17 –

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To confirm that safe driving is possible, a test drive of a distance of over 700km was done, while having a 75% coverage of JAMA basic figure.

For some tests (see page 3) the test image was replaced, otherwise the full distance was safely driven with the 75% coverage being constantly displayed at nearly 100% brightness (yellow creates about 95% brightness compared to white).

This was simulated by displaying a square of $1,95^\circ \times 0,8^\circ$ (=75% height and 100% width of JAMA basic figure).

The brightness of the the customer adjustment was set to 100% within adjustment range (=worst case)

JAMA basic figure: 75% coverage on-road test

JAMA basic figure evaluation test drive – 700 km highway and city drive test

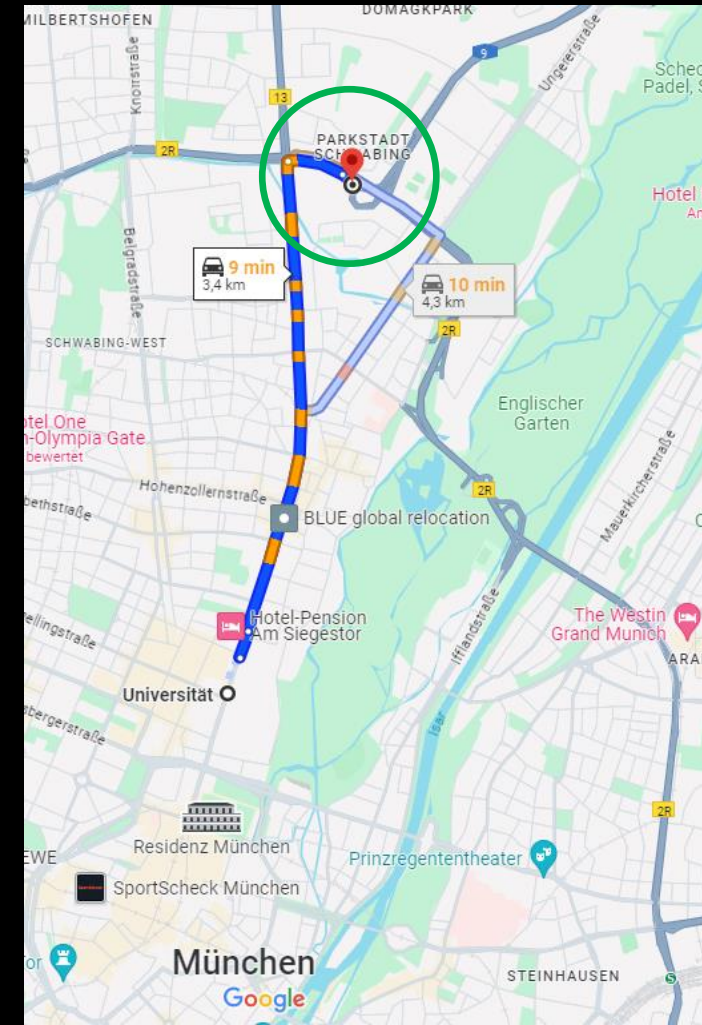
On-road driving test (Munich-City): 75% of JAMA basic figure height vs. size of road markings



Comparison of lane marking size vs. 75% of JAMA basic figure size



Example: lane departure warning (digitally added) vs. size 75% of JAMA basic figure size

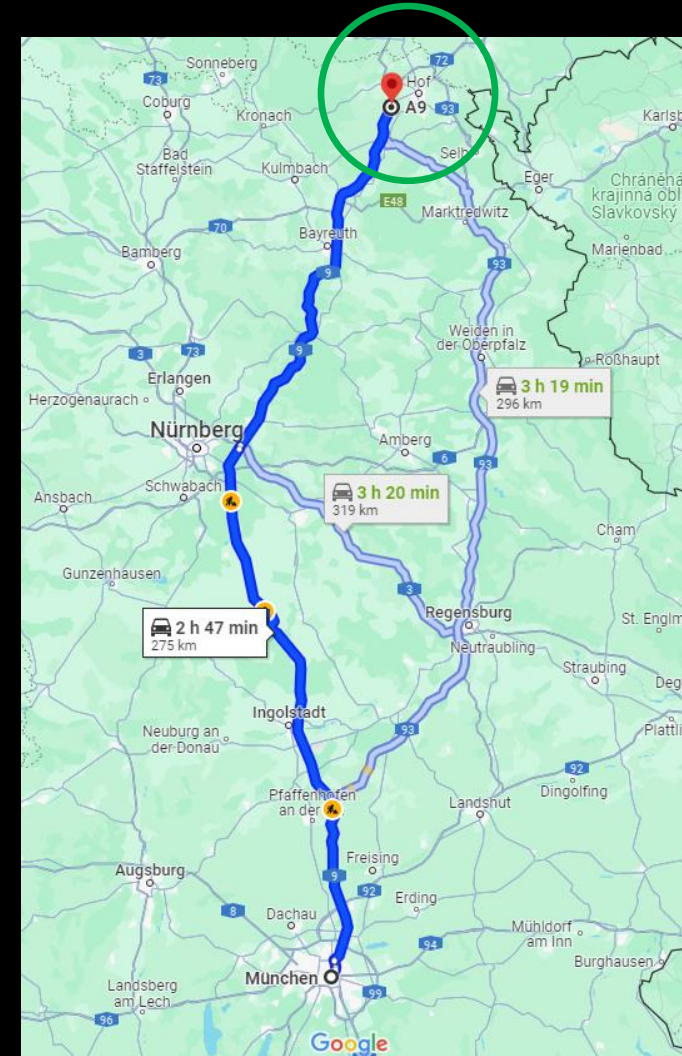


Location of Test: entry to highway A9, munich

On-road driving test (Munich to Heidelberg): 75% of JAMA basic figure height

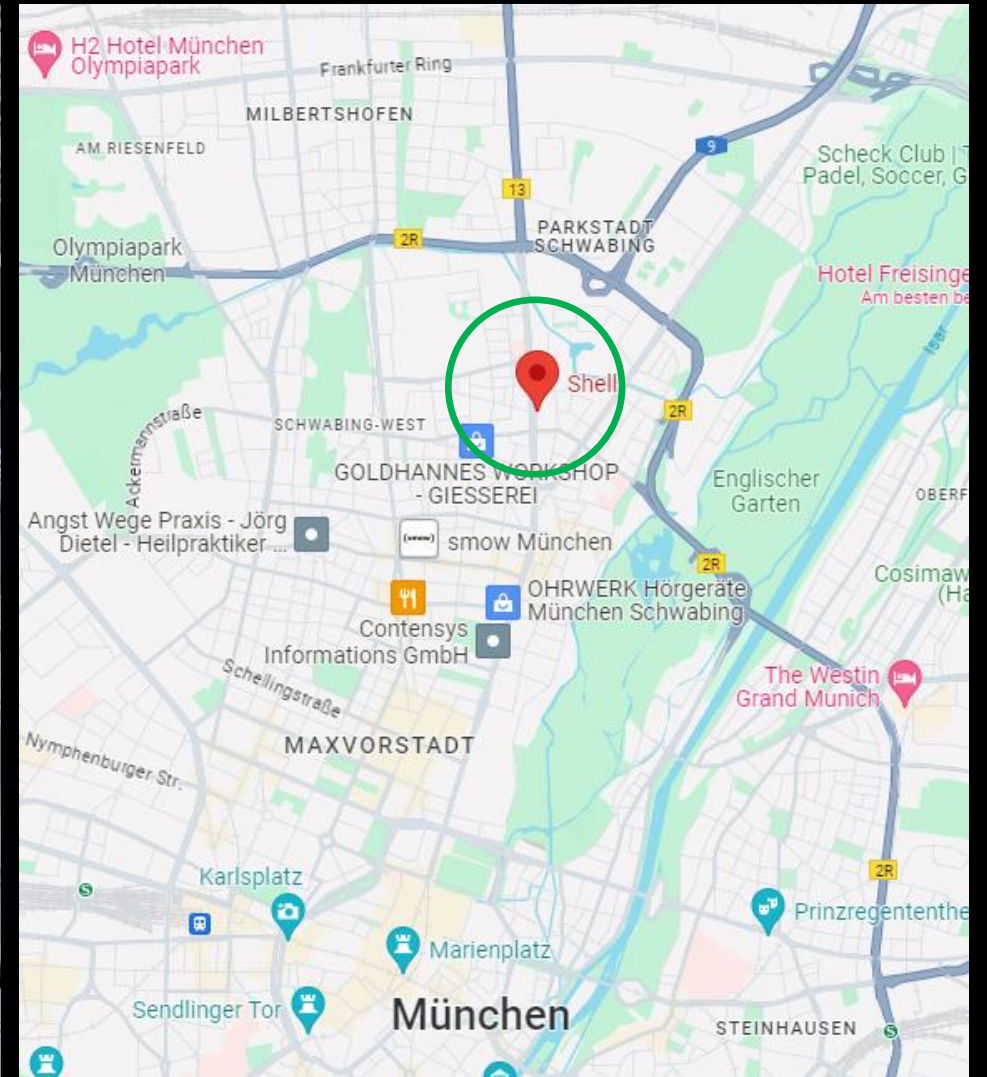


Comparison of drivers view on highway vs. 75% of JAMA basic figure height



Location of Test:
highway A9, km 479

On-road driving test (Munich-City): 75% of JAMA basic figure height vs. small child (video)



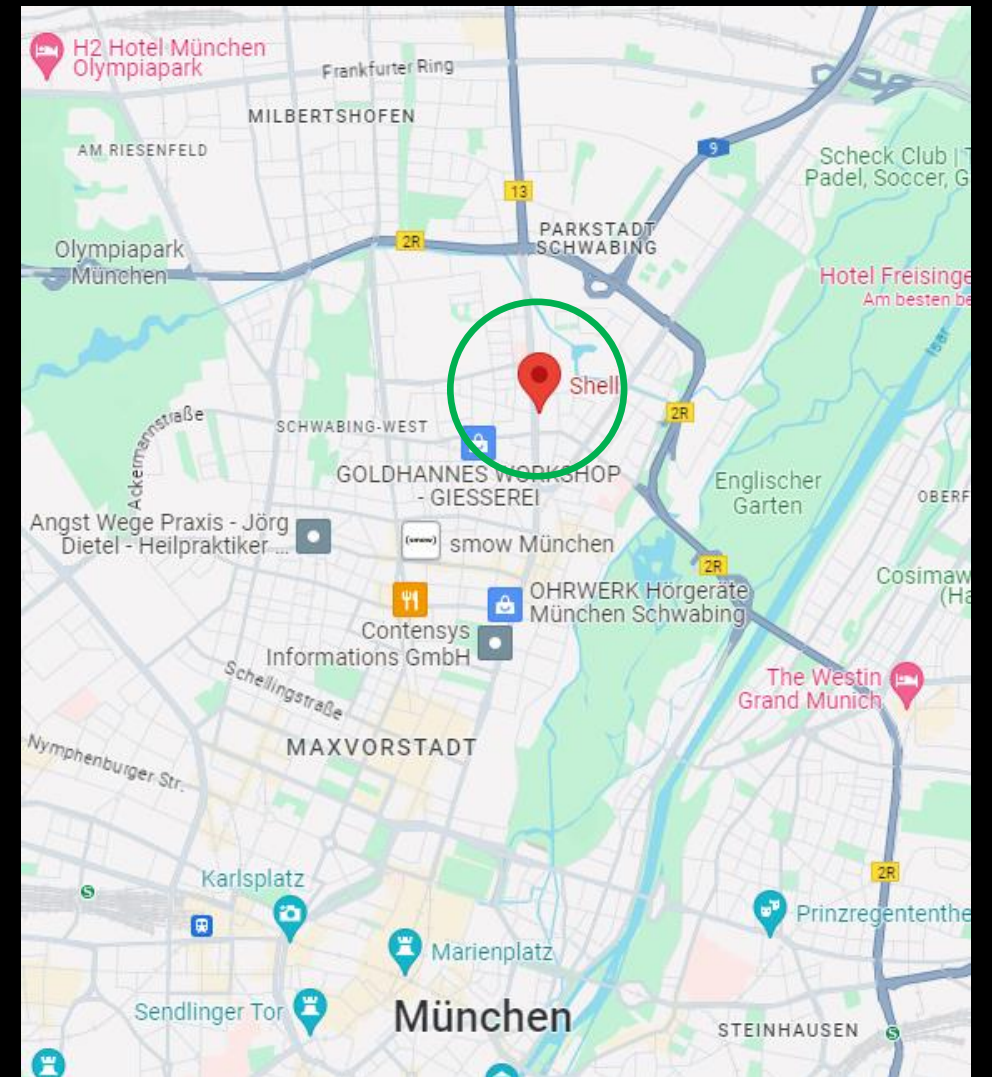
Video

Location of Test: Shell station in Munich city

On-road driving test (Munich-City): 75% of JAMA basic figure height vs. small child (video)



still image from video

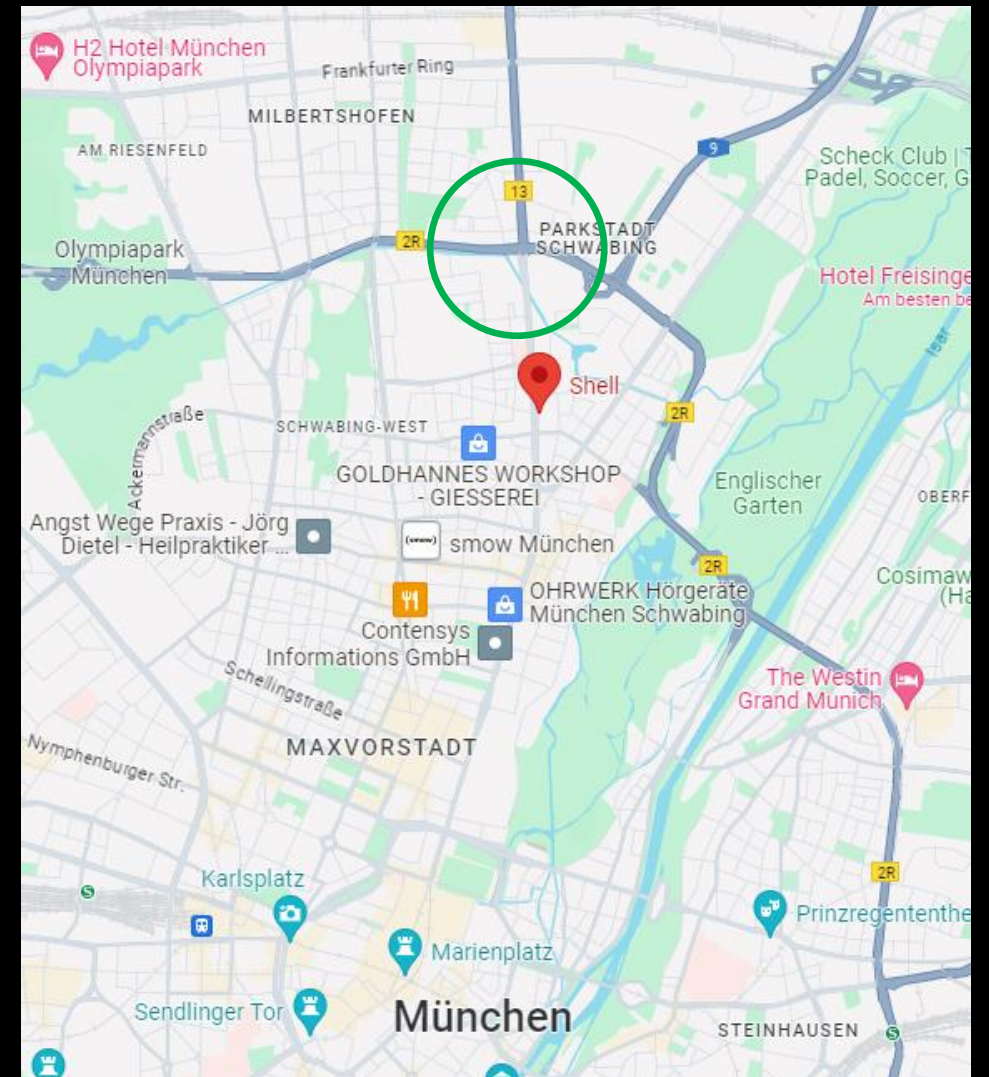


Location of Test: Shell station in Munich city

On-road driving test (Munich-City): 75% of JAMA basic figure height while driving in city condition (video)

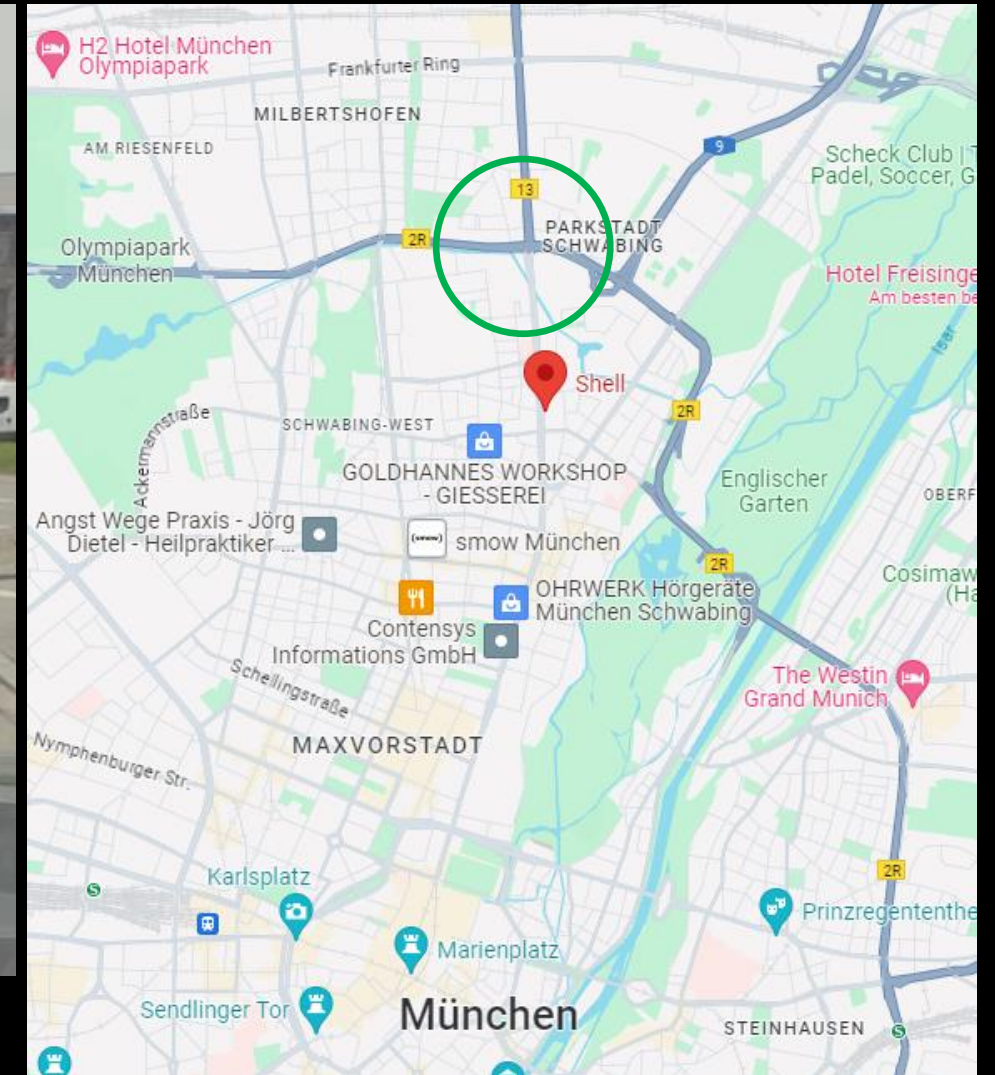


Video



Location of Test: Intersection Mittlerer Ring

On-road driving test (Munich-City): 75% of JAMA basic figure height while driving in city condition (video)



still image from video

Location of Test: Intersection Mittlerer Ring

On-road driving test (highway) – FVA content vs. JAMA criterion



Photo of standard FVA content in an on-road test

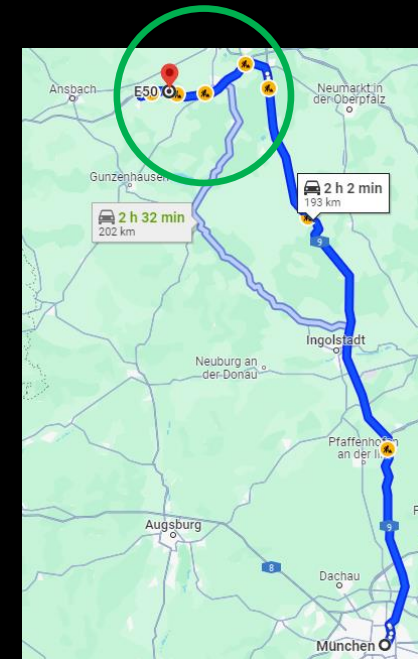


Photo of standard FVA content speed sign digitally overlaid with 75% height of JAMA basic figure and 100% outline of basic figure



Photo of standard FVA content speed sign size reduced to a size as if it would have to fulfill a 35% requirement of JAMA basic figure

→ unreadable small



Location of Test: Highway A6, near Windsbach