A new road map visualization method at window shield display for vehicle driver is proposed. Road structure ahead of a vehicle is shown by CG line segments at the upper area of driver view in augmented reality fashion by Windshield Display[1].

The best amount of vertical and horizontal shift has been searched via subject evaluation at two simulation movies.

Going straight : Close view seems to be preferred.
Making right turn: Far view seems to be preferred.

Positive comments are obtained through actual 4 min ride by 11 people.

Snapshots of simulation movies

Scores (Scheffe’s paired comparison)

Test route in our campus (open road)