



Poznan University of Technology
Institute of Civil Engineering
Division of Road Engineering

Name and surname:
Index number:
Sustainable Building Engineering first cycle
semester 6 , academic year 2025/26

Thematic card of the course
Fundamentals of Road Construction
Design of section of the public road

The data for the design:

The map with contour line in the scale of 1: 5000 or digital elevation model

Road class: "L" (local)

Design speed: 50 km/h

Number of roadway: 1

Number of traffic lanes: 2

Traffic category: KR2

The load-bearing capacity group of the subgrade: G1

The project should include:

PDF file containing:

- technical description,
- example road surface construction.
- drawing of the horizontal alignment,
- drawing of the vertical alignment,
- drawing of the cross sections.

Send the finished project to e-mail: marcin.bilski@put.poznan.pl

Issued date: 2026/03/10 The project completion date: 2026/06/16

The project was issued by: Marcin Bilski, BEng, PhD
