



Roads / Bridges

To establish a strong and flexible country, it is necessary to work on the strengthening of the land and on disaster prevention / reduction. Through the improvement and conservation of social capital that supports people's lives in the local community from a multifaceted perspective of people / landscape / environment / disaster prevention, we support the offering of a "secure / safe / satisfying" living environment to users.

High-Standard Trunk Roads

We are providing our long-term technical experience and abundant know-how from the route design stage to that of detailed design.

- Road planning
- Junction design
- Summary, reserves, detailed design
- Traffic safety measure design



Overpass crossing design and surrounding facility design

General roads, streets



Prefectural road detailed design

These are the roads essential for daily transportations from automobiles to pedestrians. We are providing safe and simple designs that are readily applicable in accordance with the needs of the region.

- Level crossing design
- Overpass crossing design
- Pedestrian barrier-free design
- Station square design

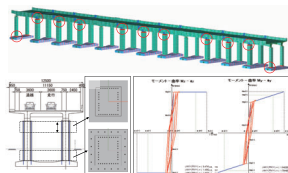
Structure Design



Bridge reserves / detail design

We select and design the most suitable methods from road structure reserves to the detailed design.

- Bridge reserves / detailed design
- Numerical analysis (2-D and 3-D FEMs)
- Concrete thermal stress analysis
- Underground structure design
- Bridge seismic reinforcement design



Existing bridge seismic reinforcement check

Road ancillary facilities



Road accessory inspection

For ancillary facilities, such as guard fences, signs, and lighting, we ensure adequate performance adhering to road standards, as well as consider maintenance and management while creating a stable and safe road environment for road users.

- Ancillary structure design
- Wire common trenches, information BOX

Disaster prevention



Slope collapse Slope measure design

Recognizing the importance of "road disaster prevention inspections," which can be said to be a health check for roads, we plan to propose and design measures not only for handling disasters but also for preventing disasters in advance.

- Disaster prevention chart
- Slope measure design
- Rockfall measure design
- Disaster recovery measure design



Rockfall guard fences