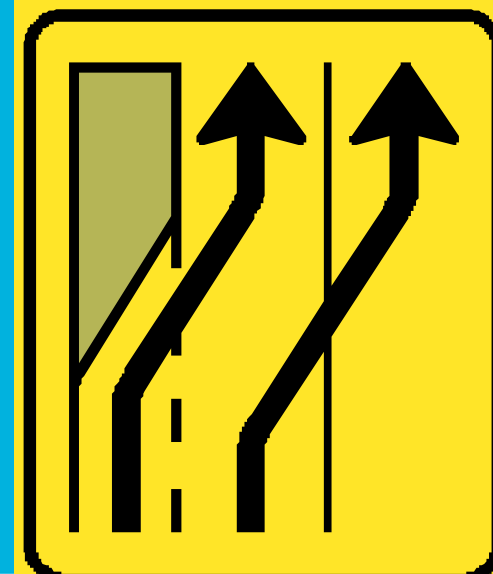
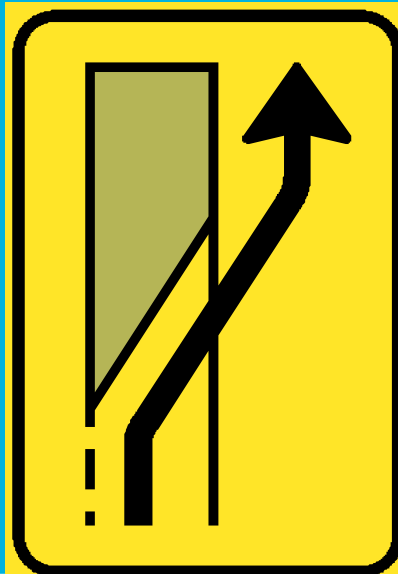
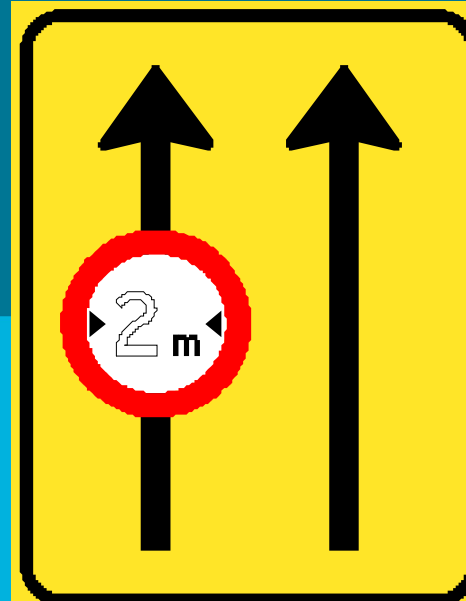
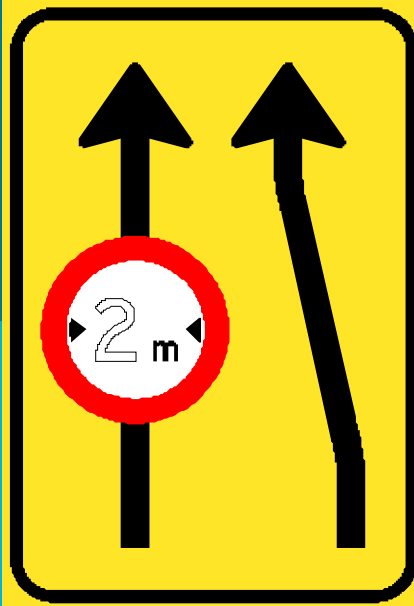


Road work zones in The Netherlands



motorway





New guideline for motorways

- January 2013
- Make guideline ready for integrated contracts (design, build, maintain)
- More freedom for contractors within limits of the guidelines

New guideline for motorways

- Planned road work
- Incidents: incident management

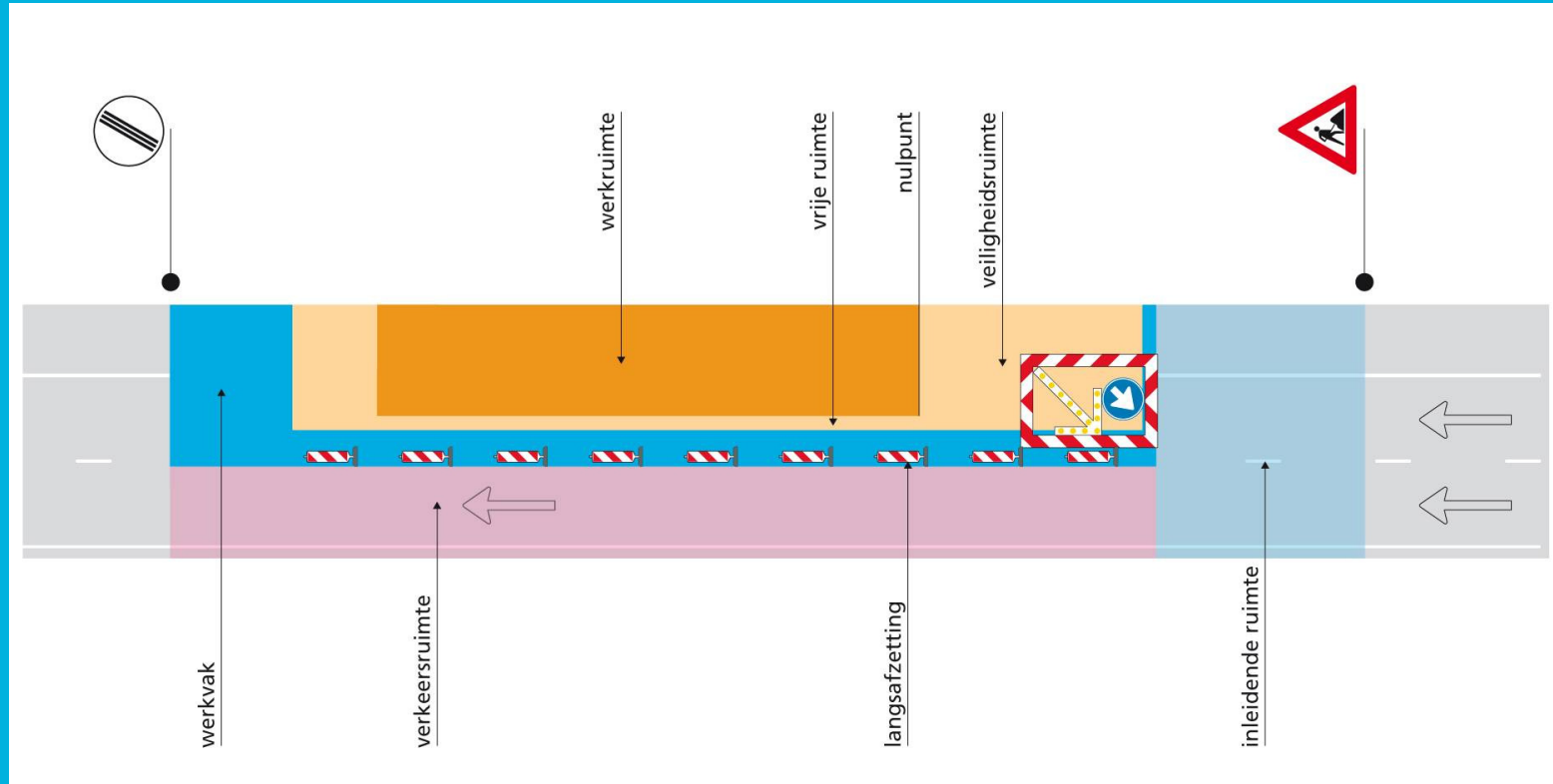
Policy

- Safety of road workers
- Safety of road users
- The free traffic flow
- Information for road users

Topics in guidelines

- System of designing road work zone
- Speeds
- Stationary or temporary road works
- Moving road works
- Temporary markings

System of designing road work zone



Speeds

Standard: 90 km/h

Back to 70 km/h when:

- Moving road work on a lane
- Workers outside vehicles at open separation or moving road work
- Lane width reduced to between 2,85 and 3,25 m
- Lanes along work zone closed for trucks and buses and lane width reduced to between 2,35 and 2,75 m

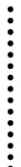


90 km/h with barrier

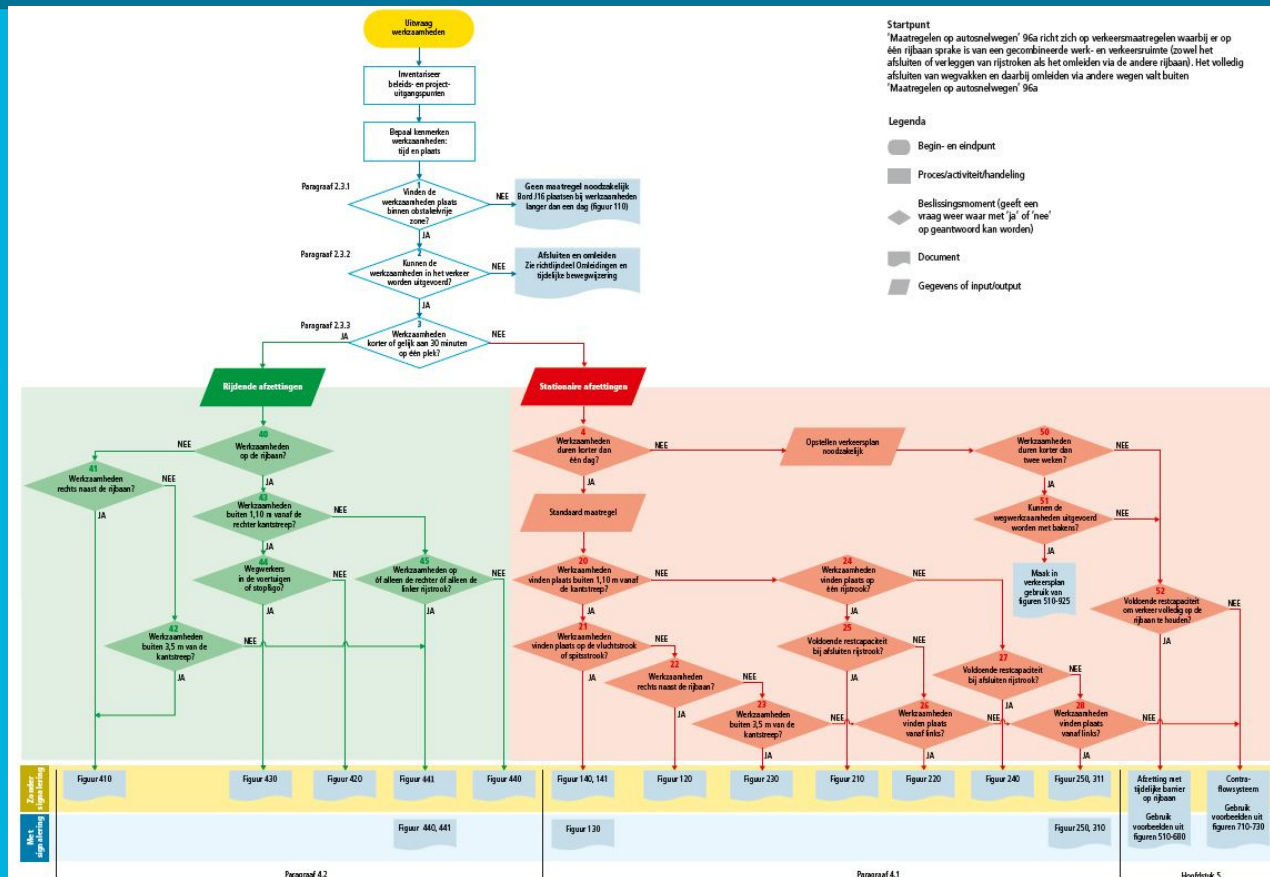




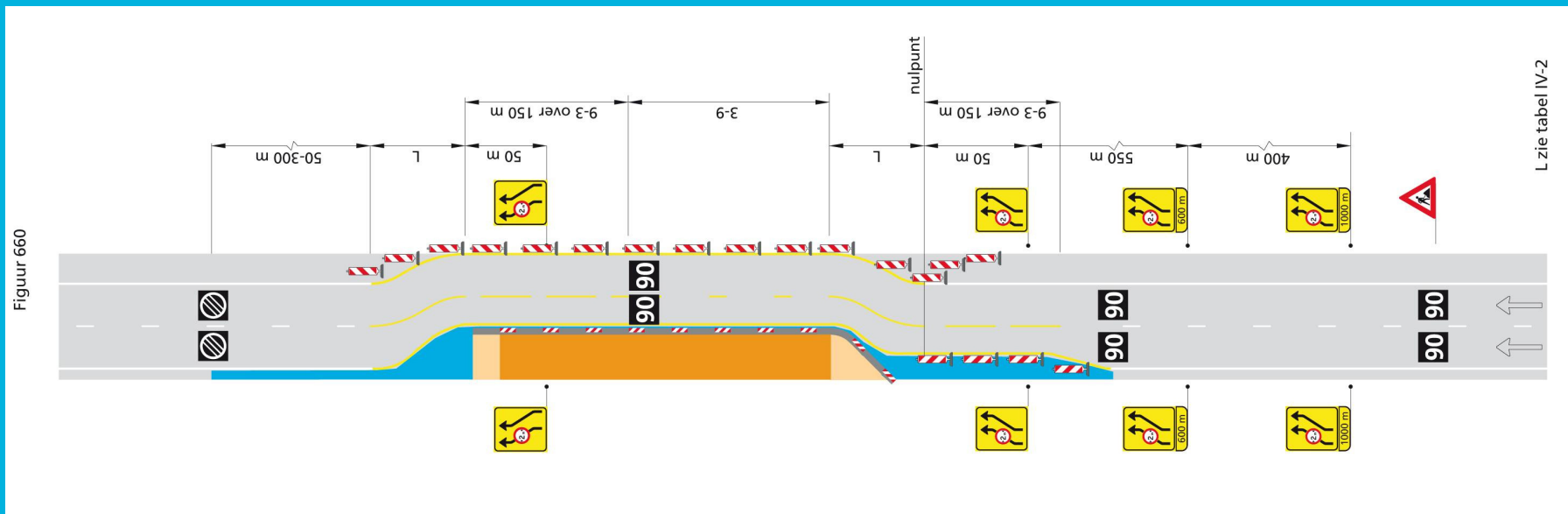
90/90/70 km/h when people in the work area



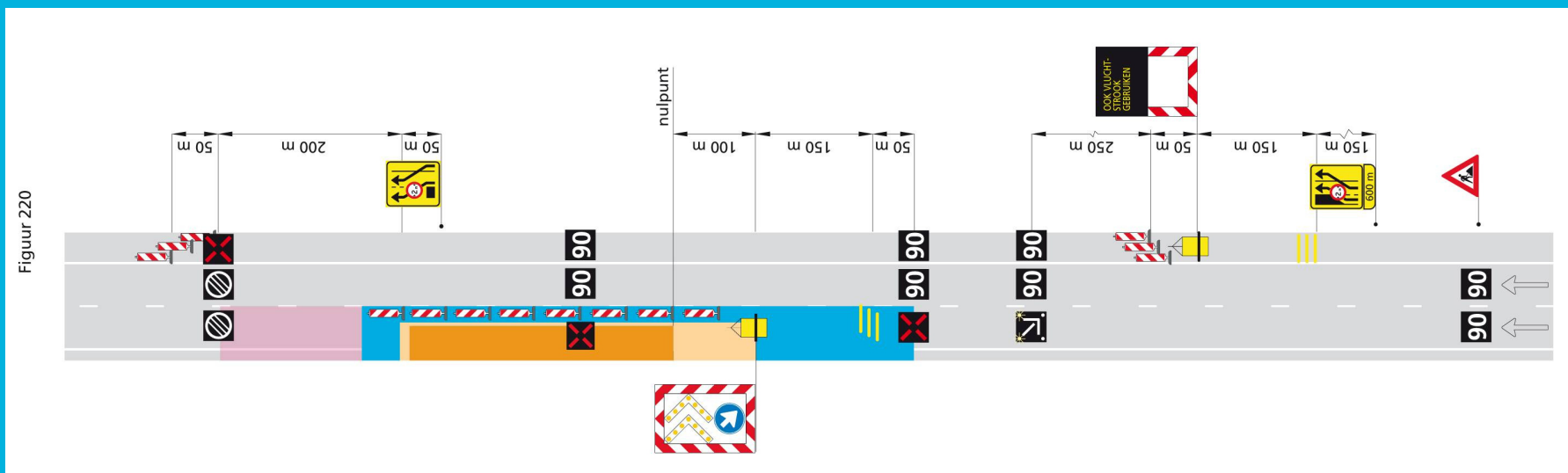
Stationary or temporary road works



Stationary road works



Temporary road works



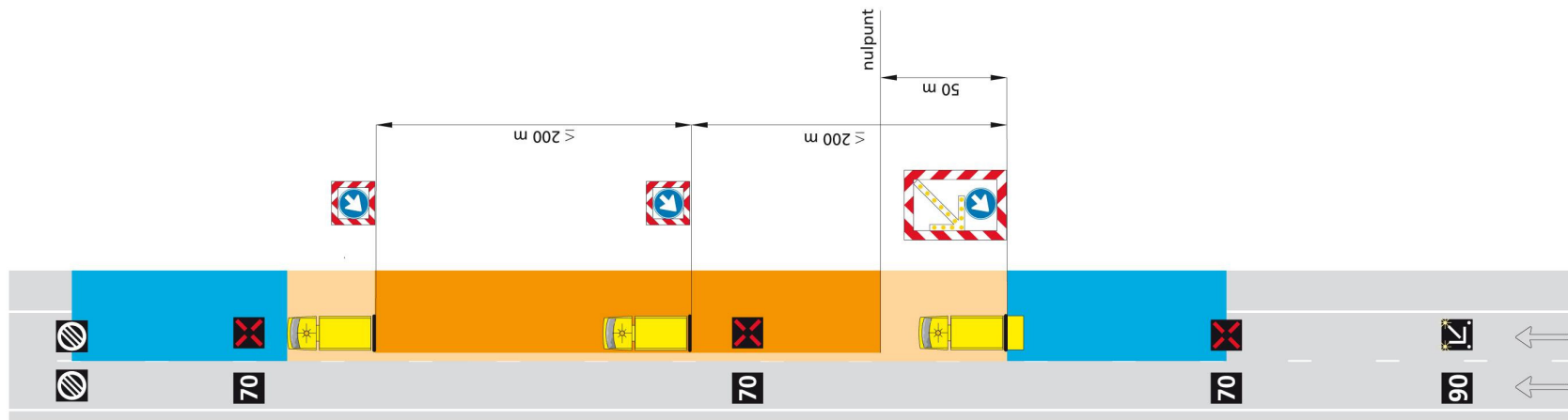
Situatie VI





Moving road works

Figuur 440





Risks

Setting up and removing work zones is a risky business



Planning before starting work



Temporary markings





Confusion !



Road work zones in The Netherlands

Questions ?