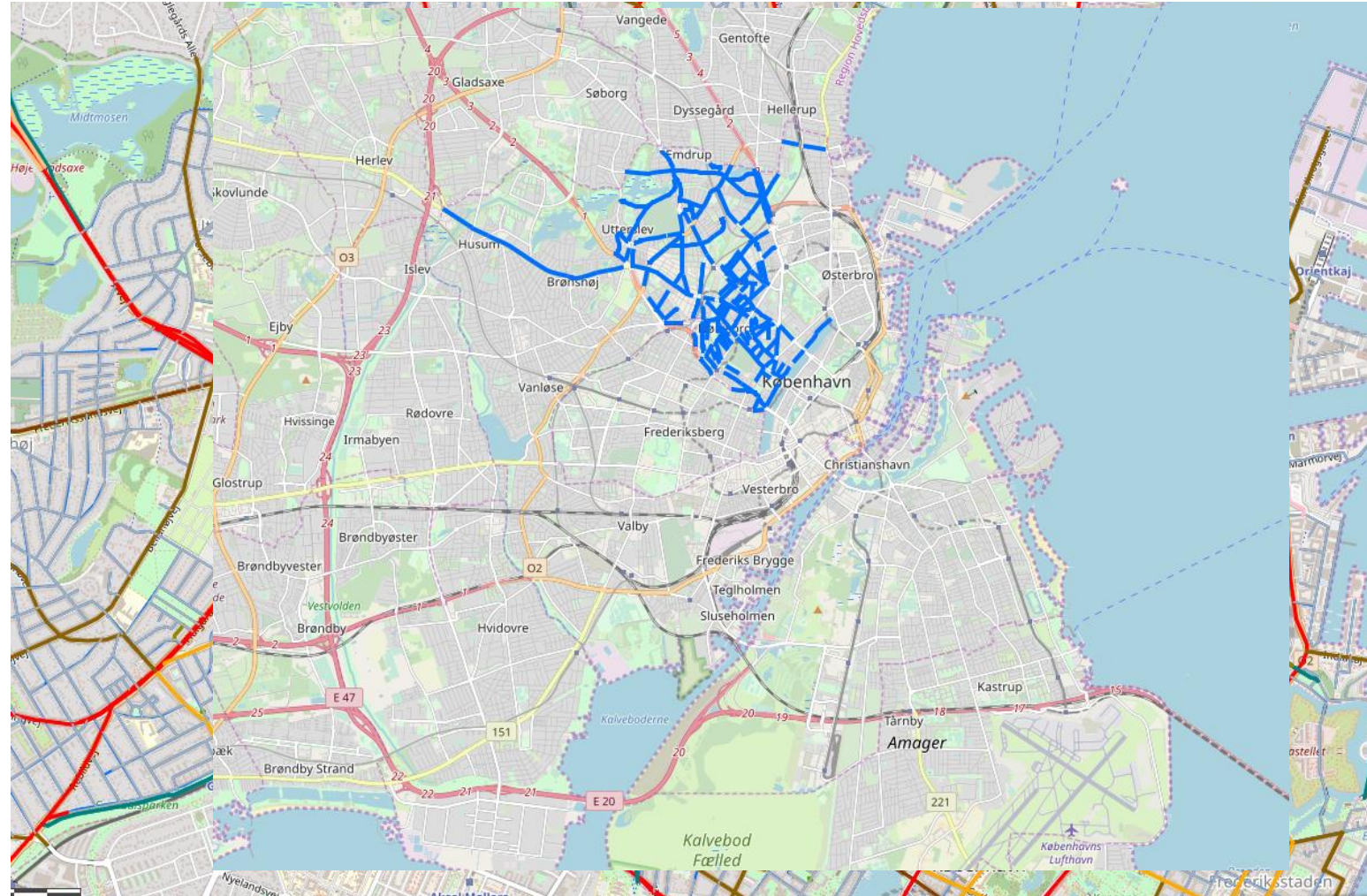


Visual inspection on municipality roads

- Reference inspections
- Representative roads selected
 - Condition
 - Traffic
 - Classification
 - Surface





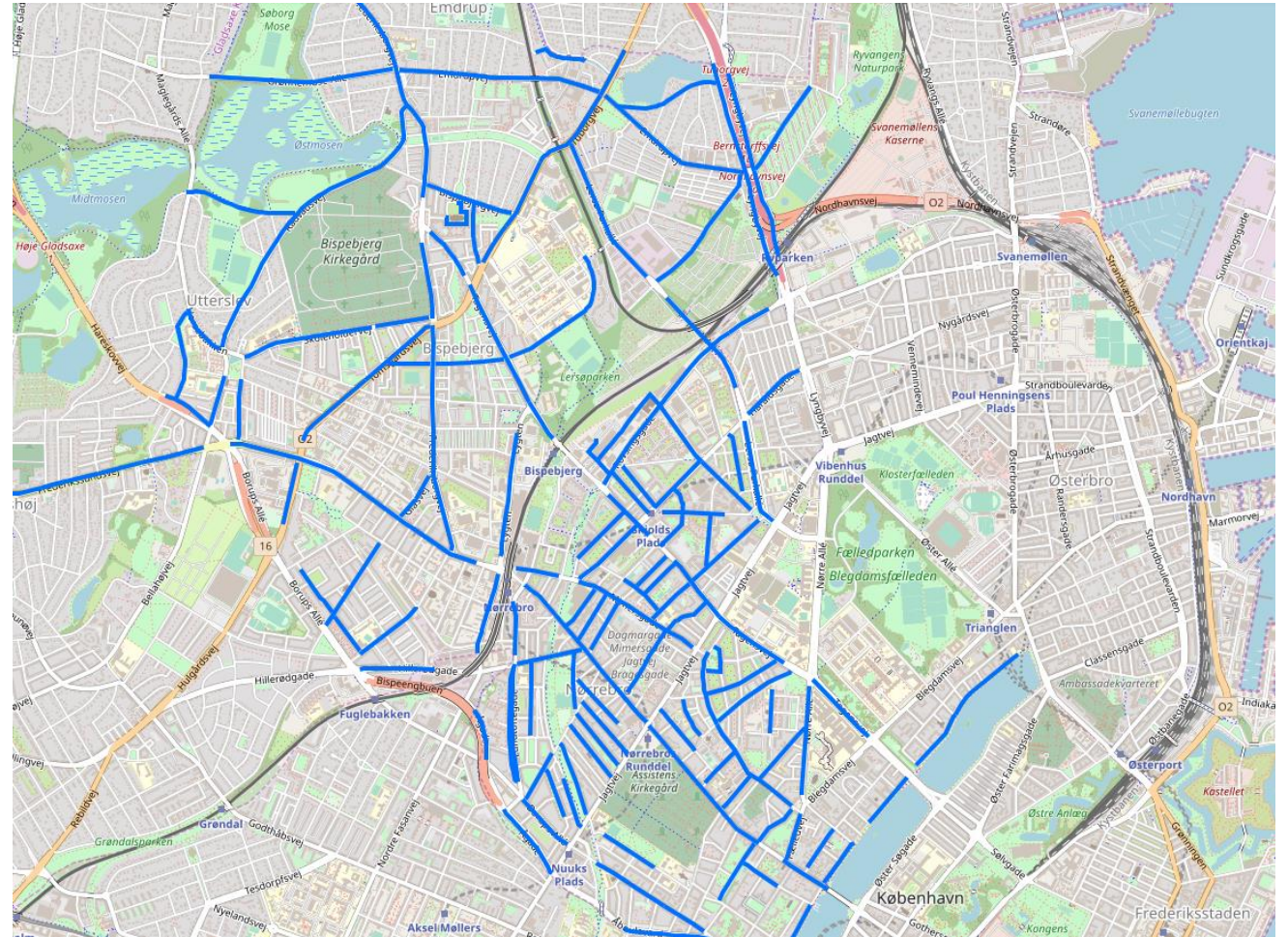


Defect types registered

- Small Cracks (-5mm) m²
- Large Cracks (>5mm) m
- Alligator Cracking m²
- Weathering m² / Loss of mortar (rivning – mørteltab)
- Potholes m²
- Settlements m²
- Rutting m²
- Safety repairs m²
- Raveling m² / Loss of aggregate (stentab)
- Patches m²
- Scaling m²

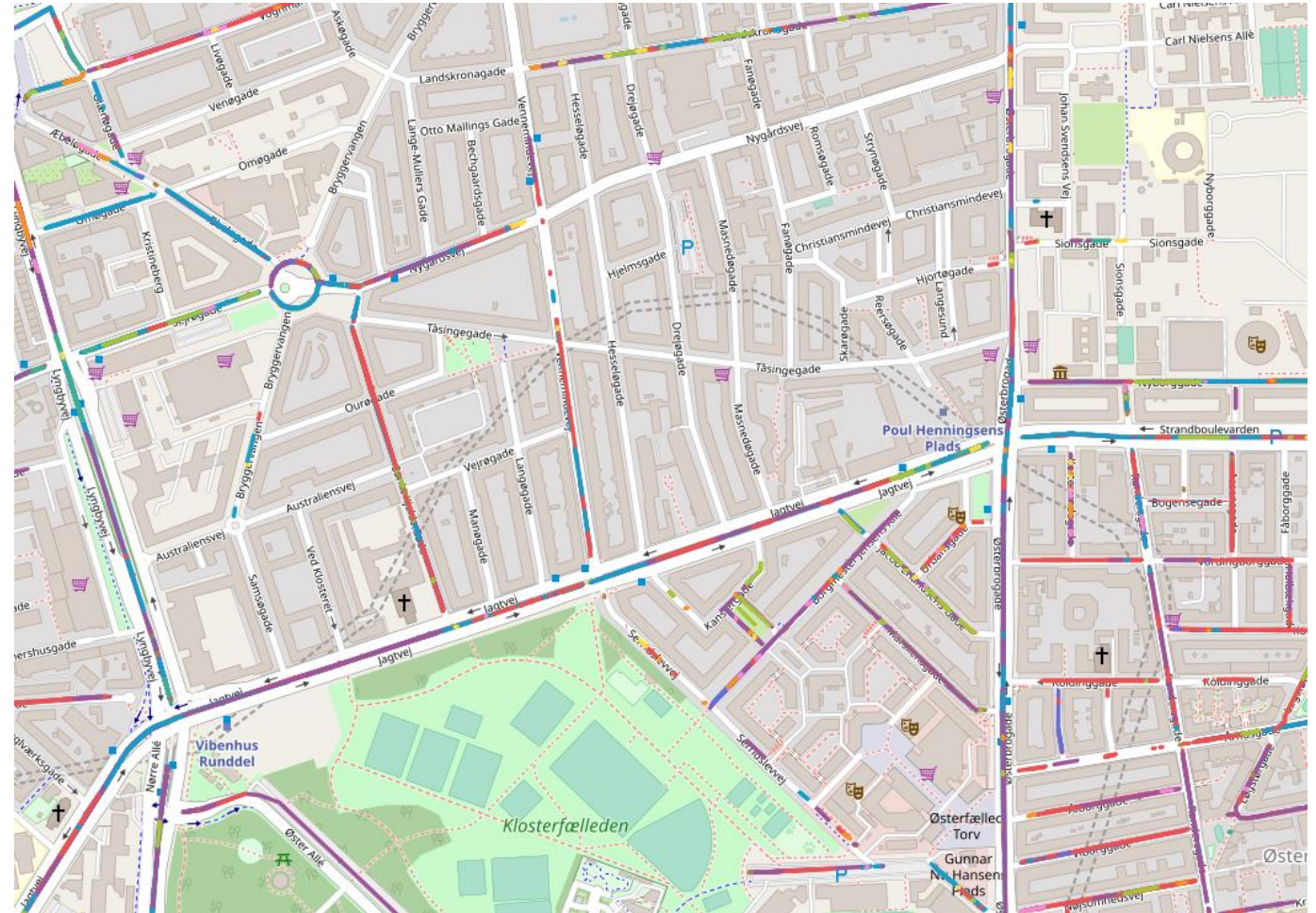
Data structuring

- Centerlines geo-referenced
- Chainage of defects registered
- Back-calculation possible
 - Chainage : GPS
 - GPS : Chainage



Challenges in the LiRA context

- City roads are narrow and facades are high
- GPS positioning challenge
- Driving directions essential
- Individual defects vs. summary
- Parked cars
- Cycle paths



A wide-angle photograph of a long, multi-lane bridge stretching across a body of water towards the horizon. The bridge has a complex steel truss structure. The sky is filled with soft, orange and yellow clouds, and the sun is visible on the right side, low on the horizon. The water in the foreground is dark with small, choppy waves.

SWECO

