

Executive summary – E20 past Skara, Dalaån-Ledsjö

About the project (in general)

E20 is a very important road for the cities in the middle part of Sweden, as well as connecting Gothenburg and Stockholm, with 10 000 vehicles passing every day (20% heavy). For example, E20 allows traffic from the middle parts of Sweden to reach Gothenburg's harbour for further transportation.

At many places along E20 there is no other roads to travel by and therefore there are many connections at E20. This also makes it important for different types of traffic to coexist with each other, for example farmers, people commuting and transports from industries. The lack of other roads is a complexity during construction, since the new road will be constructed at the same location as the existing road it is not often possible to redirect the traffic.

The project is a part of E20 located north of Skara in Western Sweden with a length of 3 km. Building starts in 2021 with a construction cost of approximately 10 million euro.

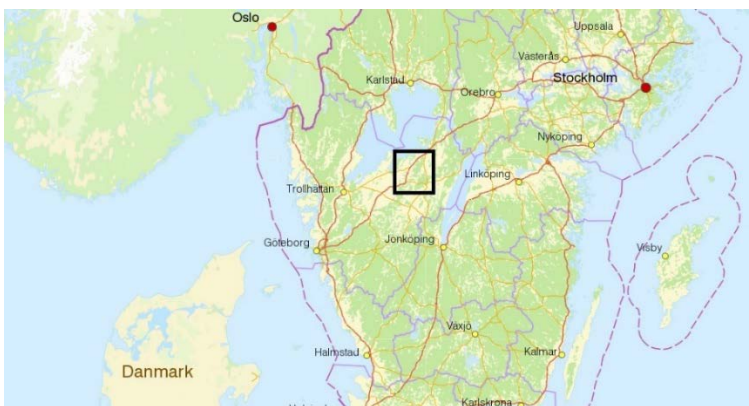
The purpose of why it's being built

The shortcomings of the existing road are low accessibility and safety as well as noise and barrier effects for humans and animals. The road also misses a parallel road network for local traffic and people walking and bicycle.

To increase the road's capacity and accessibility the road will have 2+2 lanes, which means that the existing road needs to widen to 16,5 m. The road also needs to be reinforced since it should tolerate heavy traffic and a speed limit at 100 km/h, today the speedlimit is 60-80 km/h.

To increase safety and reduce the number of accidents a few main constructions will be done throughout the entire project; fewer connecting roads by building a parallel road network, new fauna fences, barriers between lanes in opposite directions and separate roads for walking and bicycle.

Where it's being built





Type of contract

- The project will have a construction contract where all key figures and construction documents are prepared before the procurement. Because of this, building can start directly after signed contract.
- The construction will take place without cutting of traffic. The building contractor will be responsible for the traffic, safety and working environment.
- When moving the centre of the road to widen it, the process will be to mill and then fill asphalt.
- The crash barriers and railings will be the same in all E20-project and therefore have a separately procurement. The building contractor will install the rash barriers.
- The building contractor will share the site office to be able to work together closely with the Swedish Transport Administration.

Procurement

- The tender period will be four months.
- The contract will be assigned to the building contractor offering the most economical beneficial contract. The procedure is according to the Swedish Public Procurement Act.
- The road will be built in the same location as the existing road.
- For example, the project includes:
 - two bridges; one where fauna, a stream and a local road passes under E20 and an interchange.
 - two bus stops.
 - noise barriers at critical locations to minimize the environmental effects.
 - passages for animals over and under the road in various sizes.
 - median barriers.
 - fauna fences.
 - roads for walking and biking.