

PROJECT DESCRIPTION

The central task of the mobility concept for Bad Gastein is to connect the town center with the railway station square. This is intended to revitalize the historic district around the Straubingerplatz and create a basis for the implementation of a traffic-calmed meeting zone. This measure should also increase the growth of tourism by creating additional bed capacity. In order to accomplish the central task of the concept, 3G was commissioned to conduct a feasibility study for a pedestrian

tunnel. The following boundary conditions are considered essential:

- 24h usage
- All year round usability
- Preservation of the townscape
- Cost-effective operation without personnel
- Barrier-free
- Passenger transport by conveyors and elevators

3G WORK AREAS

- Baseline survey and research
- Inspection or inspection of the project area
- Feasibility concept
- Design of a standard cross section for the pedestrian tunnel and the access shafts
- Planning services
- Technical report on the study including cost targets

SUMMARY

PROJECT:

In the course of the feasibility study, an assessment of the geological and hydrogeological conditions of the project area was carried out. An optimization of the route in terms of position and height was carried out based on the following aspects:

- engineering geological assessment
- local conditions
- efforts to minimize vibration immissions during driving,
- adherence to commercially available element lengths for the moving walkways, safe dimensioning of the buffer spaces for pedestrians when entering and leaving the conveyors and elevators
- the location of the access shafts due to the topography and existing buildings

The required cross-sections were determined on the basis of the dimensions of the installa-

tions, the escape route and fire protection regulations as well as the geotechnical requirements, taking the driving method into account.

In order to provide an overview of the legal basis, all laws, regulations, guidelines, standards and recommendations relevant to the project were compiled quoted. In the course of the monetary and time schedule investigation of the feasibility, a forecast of the cost target, based on cost parameters according to the ÖGG guideline, as well as a forecast of the time schedule for

two execution options was determined.

TYPE OF PROJECT:

Feasibility study

LOCATION:

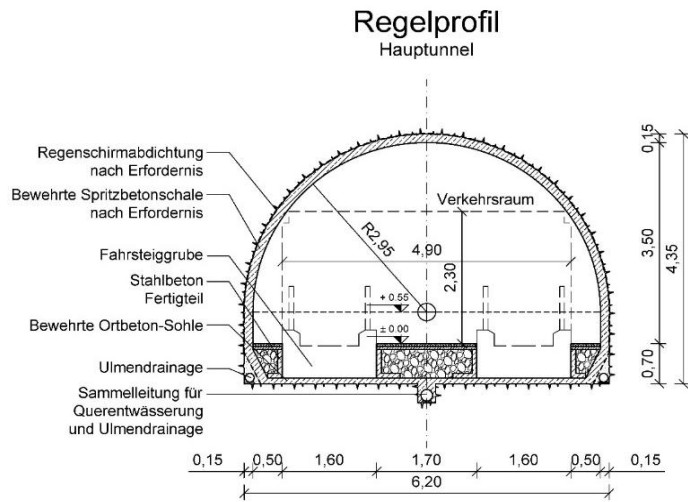
Gemeinde Bad Gastein
Salzburg

PROCEEDING PERIOD:

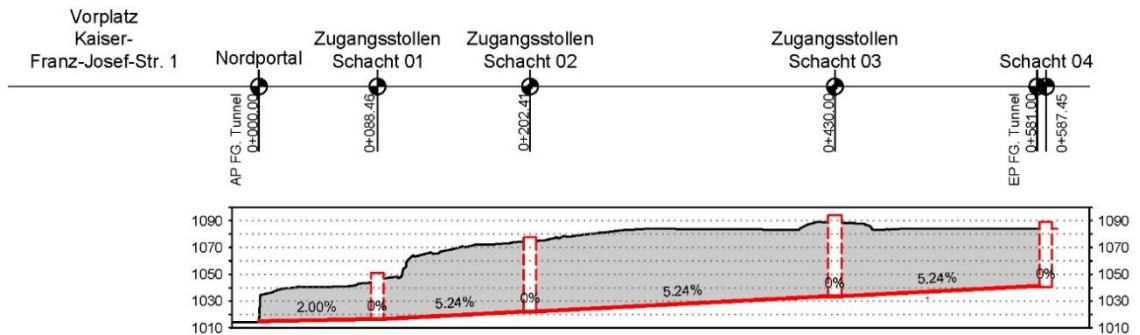
September 2018 bis
December 2018

CLIENT:

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Längenschnitt



Gradientenhöhe	0+000.0 1014.85	0+085.0 1016.55	0+092.0 1016.55	0+199.0 1022.16	0+206.0 1022.16	0+425.0 1033.63	0+435.0 1033.63	0+576.0 1041.02	0+587.45 1041.02
Stationierung	0+000.0	0+085.0	0+092.0	0+199.0	0+206.0	0+425.0	0+435.0	0+576.0	0+587.45