

Beat: Miscellaneous

## **FIRESTA-FiÅler, reconstruction, constructions a.s.**

### **FIRESTA**

London, 12.01.2020, 13:07 Time

#### **USPA NEWS - Road bridges**

Most construction orders, new buildings and renovations are realized by our own capacities. The completeness of the supply is ensured by specialized centers of the joint-stock company Firesta. Railway bridges

We provide repair, reconstruction and new construction of railway bridges, culverts and underpasses. Furthermore, repairs and reconstruction of tunnels. We provide complex work with our own capacities including waterproofing, remediation, production of steel structures, special foundation, manipulation with structures and bridge makeshift and last but not least work on railway superstructure. Building description:

The subject of the work was the reconstruction of the bridge D1-178 VysoÅžina. The reconstruction of the bridge took place in two halves. First, the left bridge was reconstructed in the direction of Prague, then the right one.

The length of the bridge is 457 m, the supporting structure area is 12,509 m<sup>2</sup>. The carriageway was milled, the insulation and the joint coat removed to the decking, then the decking was blasted, penetrated, striped, LA insulated and the pavement was finished. The Centre's activities are focused in several ways.

#### **RAILWAY CONSTRUCTION**

##### **Construction activity**

As part of the construction activity, the Center carries out investment and non-investment contracts of various nature and size - new buildings, reconstructions, overhauls, repairs.

##### **Maintenance work on sidings**

As part of the maintenance work, we carry out maintenance and repair work on the siding tracks of our partners.

##### **Special activities and work**

These activities include the insertion of temporary railway bridges, the regeneration of frogs and tongue switches by welding, including frogs of high-manganese cast steel, the welding of rails manually by electric arc, the establishment of glued insulated joints.

In the field of road construction on roads we realize constructions both in urban areas and in urban areas. The spectrum of our activities extends from reconstructions to the construction of new urban roads, field roads, parking and paved areas. Description of works:

The subject of the project was the modernization of one of the oldest sections of the D1 motorway Jihlava - Velký Beranov. The main reason was the extension of the motorway from the D26,5 / 120 category to the D28 / 120 category. The construction included the renovation of the central sewerage system, the reconstruction of the motorway bridge, the construction of a new overpass, the modernization of safety elements, the construction of new SDP crossings, the modification of utilities and traffic signs.

The construction took place in several stages during the period from 09/2016 to 11/2018. The traffic was conducted in two narrowed lanes in each direction, except for a few short-term restrictions needed to change the traffic measure.

Section length: 5 980 m

Category: D 28/120

Road surface: 184 200 m<sup>2</sup>, of which 132 500 cement-concrete cover

**Article online:**

<https://www.uspa24.com/bericht-16387/firesta-fier-reconstruction-constructions-as.html>

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